DAVIS-BESSE NUCLEAR POWER STATION UNIT NO. 1

APPENDIX B-1

CIRCUIT/COMPONENT LOCATION SUMMARY BY SYSTEM

APPENDIX B-1

CIRCUIT/SUB-COMPONENT LOCATION SUMMARY BY SYSTEM

ID No.	SYSTEM	COMPONENT	CIRCUIT/ SUB-COMP	DESCRIPTION	FIRE AREA	RACEWAY	RACEWAY DRAWING	CHANGE NO/TYP
00001	AFWS	AF3869	1CBE1146B	MV3869 CONTROL CIRCUIT	E	27096A	E-335	
00002					E	1CEB	E-335	
00003					A	1CEB	E-335	
00004					A	27142B	E-335	
00005					G	27142B	E-335	
00007					G	1CDB	E-335	
00008					U	1CDB	E-349-3	
00009					CC	1CDB	E-347	
00010					DD	1CDB	E-356-6	
00011					DD	1CPL	E-356-6	
00012					DD	1CJM	E-356-6	
00013					CC	1CJM	E-347	
00014					CC	47102A	E-347	
00015					V	47102A	E-347	
00016					V	1CLA	E-347	
00017					V	1CLA	E-348	
00018					V	48553A	E-348	
00020					DG	48553A	E-348	
00021			1CBE1146C	MV3869 CONTROL CIRCUIT	E	27092A	E-335	
00021A					E	27092C	E-335	
00022			1CBE1146D	MV3869 CONTROL CIRCUIT	E	Nipple	E-335	
00023			1CBE1146E	MV3869 CONTROL CIRCUIT	DG	48069A	E-348	
00024			1CBE1146F	MV3869 CONTROL CIRCUIT	FF	5706A2	E-356-8	
00025					DD	5706A2	E-356-8	
00026					DD	1CPM	E-356-8	
00027					DD	1CPL	E-356-6	
00028					DD	1CLA	E-356-6	
00029					V	1CLA	E-347	
00030					V	1CLA	E-348	
00031					V	48225A	E-348	
00033					DG	48225A	E-348	
00034					DG	BE11E	E-348	
00035					DG	48069A	E-348	
00036			1CBE1146G	MV3869 CONTROL CIRCUIT	FF	1CPA62	E-356-10	
00037					FF	1CPA62	E-356-10	
00038					DD	1CP62A	E-356-10	
00039					DD	1CPL	E-356-6	
00040					DD	1CLA	E-356-6	
00041					V	1CLA	E-347	
00042					V	1CLA	E-348	
00043					V	48553B	E-348	
00045					DG	48553B	E-348	
00046			1CBE1146H	MV3869 CONTROL CIRCUIT	E	27096A	E-335	
00047					E	1CEB	E-335	
00048					A	1CEB	E-335	
00049					A	27142B	E-335	
00050					G	27142B	E-335	
00051					G	1CDB	E-335	
00052					U	1CDB	E-349-3	
00053					CC	1CDB	E-347	
00054					DD	1CDB	E-356-6	
00055					DD	1CPL	E-356-6	
00056					DD	1CJM	E-356-6	
00057					CC	1CJM	E-347	
00058					CC	47102A	E-347	
00059					V	47102A	E-347	
00060					V	1CLA	E-347	
00061					V	1CLA	E-348	
00062					V	48553A	E-348	
00064					DG	48553A	E-348	
00065			1PBE1146A	MV3869 POWER CIRCUIT	DG	48257A	E-348	
00066					AB	48257A	E-350, 348	
00067					AB	48257A	E-350	
00068					V	48257A	E-350	
00071					A	48257A	E-335	
00071A					F	48257A	E-335	
00072					E	48257A	E-335	
00073			BE1146	MV3869 CIRCUIT BREAKER (CH. 1)	DG		E-348	
00074			C5706	MV3869 CONTROL ROOM PANEL (CH. 1)	FF		E-353	
00075			C5762A	MV3869 CONTROL ROOM PANEL (CH. 1)	FF		E-353	
00076			CDE-11E	MV3869 DISCONNECT SWITCH (CH. 1)	DG		E-348	
00077			EV3869	MV3869 TERMINAL BOX (CH. 1)	E		E-335	
00078			MV3869	AFW PUMP 1-1 DISCH TO SG 2 (CH. 1)	E		E-335	
00079			NV3869	MV3869 LOCAL CONTROLLER (CH. 1)	E		E-335	
00100		AF3870	1CD107B	MV3870 CONTROL CIRCUIT	E	27096A	E-335	
00101					E	1CEB	E-335	
00102					DUCT	36085B*	E-337	
00103					S	36085B	E-338	

RACEWAY LEGEND (A) = 3-HR FIRE WRAP (B) = 1-HR FIRE WRAP (C) = RADIANT ENERGY SHIELD * = EMBEDDED CONDUIT

APPENDIX B-1

CIRCUIT/SUB-COMPONENT LOCATION SUMMARY BY SYSTEM

ID No.	SYSTEM	COMPONENT	CIRCUIT/ SUB-COMP	DESCRIPTION	FIRE AREA	RACEWAY	RACEWAY DRAWING	CHANGE NO/TYP
00104	AFWS	AF3870	1CD107B	MV3870 CONTROL CIRCUIT	S	JB3607	E-338	
00105					S	36085A	E-338	
00106					S	1CGC	E-338	
00107					S	36356B	E-338	
00108					Y	36356B	E-346	
00109					Y	46218A	E-346	
00110					Y	1CKA	E-346	
00111			1CD107C	MV3870 CONTROL CIRCUIT	E	27093A	E-335	
00112			1CD107D	MV3870 CONTROL CIRCUIT	E	Nipple	E-335	
00113			1CD107E	MV3870 CONTROL CIRCUIT	G	27710B	E-335, 418	
00114					G	BE11D	E-335, 418	
00115					G	27573A	E-335	
00116					A	27573A	E-335	
00117					A	1CEB	E-335	
00118					E	1CEB	E-335	
00119					DUCT	36085B*	E-337	
00120					S	36085B	E-338, 337	
00121					S	JB3607	E-338	
00122					S	36085A	E-338	
00123					S	1CGC	E-338	
00124					S	36357D	E-338	
00125					Y	36357D	E-346	
00126					Y	46218A	E-346	
00127					Y	1CKA	E-346	
00128			1CD107F	MV3870 CONTROL CIRCUIT	FF	5706A2	E-356-8	
00129					DD	5706A2	E-356-8	
00130					DD	1CPM	E-356-8	
00131					DD	1CPL	E-356-6	
00132					DD	1CDB	E-356-6	
00133					CC	1CDB	E-347	
00134					U	1CDB	E-349-3	
00135					G	27708A	E-335	
00136					G	1CDB	E-335	
00137			1CD107G	MV3870 CONTROL CIRCUIT	FF	1CPA62	E-356-10	
00138					FF	1CP62A	E-356-10	
00139					DD	1CP62A	E-356-10	
00140					DD	1CPL	E-356-10	
00141					DD	1CPT	E-356-6	
00142					DD	1CPM	E-356-6, 356-1	
00143					DD	46060A	E-356-6, 356-1	
00144					DD	46060B*	E-343,344,356-1	
00144A					A	46060B*	E-343,344,356-1	
00144B					DF	46060B*	E-343,344,355	
00144C					X	46060B*	E-343,344,355	
00144D					Y	46060B*	E-343,344,355	
00145					Y	46218A	E-346	
00146					Y	1CKA	E-346	
00147			1PD107A	MV3870 POWER CIRCUIT	E	46006E	E-335	
00148					F	46006E	E-335	
00149					A	46006C	E-335	
00150					A	46006B*	E-337, 333, 342	
00150A					A	46006B*	E-333,337,342	
00150B					DUCT	46006B*	E-333,337,342	
00151					Q	46006D	E-338	
00152					Q	46006A	E-338	
00153					Y	46006A	E-346	
00154			1PD107H	MV3870 POWER CIRCUIT	E	46006F	E-335	
00155			C5706	MV3870 CONTROL ROOM PANEL (CH. 1)	FF		E-353	
00156			C5762A	MV3870 CONTROL ROOM PANEL (CH. 1)	FF		E-353	
00157			CDE-11D	MV3870 DISCONNECT SWITCH (CH. 1)	G		E-335	
00158			D107	MV3870 MCC D1 CUBICLE (CH. 1)	Y		E-346	
00159			EV3869	MV3870 TERMINAL BOX (CH. 1)	E		E-335	
00160			JT2750	MV3870 TERMINAL BOX (CH. 1)	E		E-335	
00161			MV3870	AFW PUMP 1-1 DISCH TO SG 1 (CH. 1)	E		E-335	
00162			NV3870	MV3870 LOCAL CONTROLLER (CH. 1)	E		E-335	
00200		AF3871	2CBF1201B	MV3871 CONTROL CIRCUIT	F	27097A	E-335	
00201					F	2CEE	E-335	
00202					DUCT	36179B*	E-337	
00203					Q	JB3620	E-418, 338	
00204					Q	36179A	E-418	
00205					Q	2CGE	E-338	
00206					Q	36748A	E-338	
00207					X	36748A	E-346	
00208					X	46892B	E-346	
00209					X	2CKL	E-346	
00210					X	46739C	E-346	
00211					X	2CKM	E-346	
00212			2CBF1201C	MV3871 CONTROL CIRCUIT	F	27094A	E-335	

RACEWAY LEGEND (A) = 3-HR FIRE WRAP (B) = 1-HR FIRE WRAP (C) = RADIANT ENERGY SHIELD * = EMBEDDED CONDUIT

APPENDIX B-1

CIRCUIT/SUB-COMPONENT LOCATION SUMMARY BY SYSTEM

ID No.	SYSTEM	COMPONENT	CIRCUIT/ SUB-COMP	DESCRIPTION	FIRE AREA	RACEWAY	RACEWAY DRAWING	CHANGE NO/TYP
00213	AFWS	AF3871	2CBF1201D	MV3871 CONTROL CIRCUIT	F	Nipple	E-335	
00214					X	46526A	E-346	
00215					X	46739C	E-346	
00216					X	2CKM	E-346	
00217		AF3871	2CBF1201F	MV3871 CONTROL CIRCUIT	FF	5706D2	E-356-8	
00218					DD	5706D2	E-356-8	
00219					DD	2CPN	E-356-8	
00220					DD	2CKM	E-356-7	
00221					DF	2CKM	E-346, 347	
00222					X	2CKM	E-346	
00223					X	46526B	E-346	
00224			2CBF1201G	MV3871 CONTROL CIRCUIT	FF	2CP92D	E-353	
00225					FF	2CP92A	E-353	
00226					DD	2CP92A	E-423	
00227					DD	2CEV	E-356-7	
00228					DD	2CPN	E-356-7	
00229					DD	2CKM	E-356-7	
00230					DF	2CKM	E-346, 347	
00231					X	2CKM	E-346	
00232					X	46739A	E-346	
00233			2CBF1201H	MV3871 CONTROL CIRCUIT	F	27097A	E-335	
00234					F	2CEE	E-335	
00235					DUCT	36179B*	E-337	
00236					Q	JB3620	E-418, 338	
00237					Q	36179A	E-418	
00238					Q	2CGE	E-338	
00239					Q	36748A	E-338	
00240					X	36748A	E-346	
00241					X	46892B	E-346	
00242					X	2CKL	E-346	
00243					X	46739C	E-346	
00244					X	2CKM	E-346	
00245			2PBF1201A	MV3871 POWER CIRCUIT	F	27311C	E-335	
00246					F	27311A	E-335	
00247					F	JB2755	E-335	
00248					F	46005C	E-335	
00249					A	46005C	E-335	
00250					A	46005B*	E-337, 333, 342	
00250A					A	46005B*	E-333,337,342	
00250B					DUCT	46005B*	E-333,337,342	
00251					Q	46005A	E-338	
00252					Q	JB3620	E-338, 418	
00253					Q	46177A	E-338, 418	
00254					X	46177A	E-346	
00255			BF1201	MV3871 CIRCUIT BREAKER (CH. 2)	X		E-346	
00256			C5706	MV3871 CONTROL ROOM PANEL (CH. 2)	FF		E-353	
00257			C5792	MV3871 CONTROL ROOM PANEL (CH. 2)	FF		E-353	
00258			CDF-12A-2	MV3871 DISCONNECT SWITCH (CH. 2)	X		E-346	
00259			EV3872	MV3871 TERMINAL BOX (CH. 2)	F		E-335	
00260			MV3871	AFW PUMP 1-2 DISCH TO SG 1 (CH. 2)	F		E-335	
00261			NV3871	MV3871 LOCAL CONTROLLER (CH. 2)	F		E-335	
00300		AF3872	2CBF1262B	MV3872 CONTROL CIRCUIT	F	27097A	E-335	
00301					F	2CEE	E-335	
00302					DUCT	36179B*	E-337	
00303					Q	JB3620	E-338	
00304					Q	36179A	E-338	
00305					Q	2CGE	E-338	
00306					Q	36175A	E-338	
00307					DUCT	36175B*	E-337	
00308					J	36175C	E-338	
00309					J	36905A	E-338	
00310					J	2CGS	E-338	
00311			2CBF1262C	MV3872 CONTROL CIRCUIT	F	27095A	E-335	
00312			2CBF1262D	MV3872 CONTROL CIRCUIT	F	Nipple	E-335	
00313			2CBF1262E	MV3872 CONTROL CIRCUIT	J	36613A	E-338	
00314					J	36905A	E-338	
00315					J	2CGS	E-338	
00316			2CBF1262F	MV3872 CONTROL CIRCUIT	FF	5706D2	E-356-8	
00317					DD	5706D2	E-356-8	
00318					DD	2CPN	E-356-8	
00319					DD	2CED	E-356-7	
00320					A	2CED	E-335,349-2,347	
00321					A	2CEE	E-335	
00322					F	2CEE	E-335	
00323					DUCT	36179B*	E-337, 342	

RACEWAY LEGEND (A) = 3-HR FIRE WRAP (B) = 1-HR FIRE WRAP (C) = RADIANT ENERGY SHIELD * = EMBEDDED CONDUIT

APPENDIX B-1

CIRCUIT/SUB-COMPONENT LOCATION SUMMARY BY SYSTEM

ID No.	SYSTEM	COMPONENT	CIRCUIT/ SUB-COMP	DESCRIPTION	FIRE AREA	RACEWAY	RACEWAY DRAWING	CHANGE NO/TYP
00324	AFWS	AF3872	2CBF1262F	MV3872 CONTROL CIRCUIT	Q	JB3620	E-338	
00325					Q	36176A	E-338	
00326					Q	2CGE	E-338	
00327					DUCT	36176B*	E-337	
00328					J	36176C	E-338	
00329					J	36613B	E-338	
00330					J	2CGS	E-338	
00331			2CBF1262G	MV3872 CONTROL CIRCUIT	FF	2CP92D	E-353	
00332					FF	2CP92A	E-353	
00333					DD	2CP92A	E-423	
00334					DD	2CEV	E-356-7	
00335					DD	2CPN	E-356-7	
00336					DD	2CED	E-356-7	
00337					A	2CED	E-335,349-2,347	
00338					A	2CEE	E-335	
00339					F	2CEE	E-335	
00340					DUCT	36182B*	E-337	
00341					Q	JB3620	E-338, 418	
00342					Q	36182A	E-338	
00343					Q	2CGE	E-338	
00344					Q	36176A	E-338	
00345					DUCT	36176B*	E-337	
00346					J	36176C	E-338	
00347					J	36905A	E-338	
00348					J	2CGS	E-338	
00349			2CBF1262H	MV3872 CONTROL CIRCUIT	F	27097A	E-335	
00350					F	2CEE	E-335	
00351					DUCT	36179B*	E-337, 342	
00352					Q	JB3620	E-338	
00353					Q	36179A	E-338	
00354					Q	2CGE	E-338	
00355					Q	36176A	E-338	
00356					DUCT	36176B*	E-337	
00357					J	36176C	E-338	
00358					J	36905A	E-338	
00359					J	2CGS	E-338	
00360			2PBF1262A	MV3871 POWER CIRCUIT	F	46005C	E-335	
00361					F	27311B	E-335	
00362					F	27311A	E-335	
00363					F	JB2755	E-335	
00364					A	46005C	E-335	
00365					A	46005B*	E-337, 333, 342	
00365A					A	46005B*	E-333,337,342	
00365B					DUCT	46005B*	E-333,337,342	
00366					Q	46005A	E-338, 418	
00367					Q	JB3620	E-338, 418	
00368					Q	36127A	E-338, 418	
00369					J	36127A	E-338	
00370					J	36127A	E-338	
00371			BF1262	MV3872 CIRCUIT BREAKER (CH. 2)	J		E-338	
00372			C5709	MV3872 CONTROL ROOM PANEL (CH. 2)	FF		E-353	
00373			C5792	MV3872 CONTROL ROOM PANEL (CH. 2)	FF		E-353	
00374			CDF-12B	MV3872 DISCONNECT SWITCH (CH. 2)	J		E-338	
00375			EV3872	MV3872 TERMINAL BOX (CH. 2)	F		E-335	
00376			MV3872	AFW PUMP 1-2 DISCH TO SG 2 (CH. 2)	F		E-335	
00377			NV3872	MV3872 LOCAL CONTROLLER (CH. 2)	F		E-335	
00400		AF599	2CBF1118C	MV599 CONTROL CIRCUIT	A	36325A	E-349-2	
00401			2CBF1118D	MV599 CONTROL CIRCUIT	A	Nipple	E-349-2	
00402			2CBF1118F	MV599 CONTROL CIRCUIT	DF	47356B	E-347	
00403					DF	47300A	E-347	
00404					DF	2CLA	E-347	
00405			2CBF1118G	MV599 CONTROL CIRCUIT	A	47001B	E-349-2	
00406					DF	47001A*	E-344, 343	
00406A					A	47001A*	E-343, 344	
00407			2CBF1118I	MV599 CONTROL CIRCUIT	DD	JB5776	E-356	
00408					DD	2CPN	E-356	
00409					DD	JT5722	E-356	
00410					FF	UNSCHED	E-356	
00411					DD	2CPN	E-356-7	
00412					DD	2CKL	E-356-7	
00413					DD	2CPR	E-356-7	
00414					DD	2CLA	E-356-7	
00415					DF	2CLA	E-347	
00416					DF	47356A	E-347	
00417			2PBF1118A	MV599 POWER CIRCUIT	B	18215D	E-412	
00418					AB	18215D	E-332, 412	
00419					A	18215D	E-332,335,349	
00420					DF	18215D	E-347	

RACEWAY LEGEND (A) = 3-HR FIRE WRAP (B) = 1-HR FIRE WRAP (C) = RADIANT ENERGY SHIELD * = EMBEDDED CONDUIT

APPENDIX B-1

CIRCUIT/SUB-COMPONENT LOCATION SUMMARY BY SYSTEM

ID No.	SYSTEM	COMPONENT	CIRCUIT/ SUB-COMP	DESCRIPTION	FIRE AREA	RACEWAY	RACEWAY DRAWING	CHANGE NO/TYP
00421	AFWS	AF599	2PBF1118B	MV599 POWER CIRCUIT	A	18215C	E-349-2	
00422					A	18215C	E-349-2	
00423					A	JB3713	E-349-2	
00424					A	18215B	E-332,335,349-2	
00425					AB	18215B	E-412, 332	
00426					B	18215B	E-412	
00427			BF1118	MV599 CIRCUIT BREAKER (CH. 2)	DF		E-332	
00428			C5709	MV599 CONTROL ROOM PANEL (CH. 2)	FF		E-353	
00429			CDY-F2	MV599 DISCONNECT SWITCH (CH. 2)	DF		E-347	
00430			EV0599	MV599 TERMINAL BOX (CH. 2)	A		E-349-2	
00433			JT5722	AF599 TERMINAL BOX (CH 2)	DD		E-356-1B	
00431			MV599	SG 2 AFW ISOLATION VALVE (CH. 2)	A		E-349-2	
00432			NV0599A	MV599 LOCAL CONTROLLER (CH. 2)	A		E-349-2	
00500		AF608	1CBE1160C	MV608 CONTROL CIRCUIT	AB	38400A	E-350	
00501			1CBE1160D	MV608 CONTROL CIRCUIT	AB	Nipple	E-350	
00502			1CBE1160F	MV608 CONTROL CIRCUIT	V	38071B	E-350	
00503					V	1CJM	E-350	
00504					V	1CJM	E-349-3	
00505					U	1CJM	E-349-3	
00506					CC	1CJM	E-347	
00507					CC	47102A	E-347	
00508					V	47102A	E-347	
00509					V	1CLA	E-347	
00510					V	1CLA	E-348	
00511					V	48553A	E-348	
00513					DG	48553A	E-348	
00514			1CBE1160G	MV608 CONTROL CIRCUIT	AB	48265A	E-350	
00515					AB	48265A	E-348, 350	
00516					DG	48265A	E-348	
00517			1CBE1160I	MV608 CONTROL CIRCUIT	DD	JB5777	E-356	
00518					DD	JT5721	E-356	
00519					FF	UNSCHED	E-356	
00520					DD	1CPM	E-356-6	
00521					DD	1CPT	E-356-6	
00522					DD	1CPL	E-356-6	
00523					DD	1CJL	E-356-6	
00524					CC	1CJL	E-347	
00525					U	1CJL	E-349-3	
00526					V	1CJL	E-350, 349-3	
00527					V	38071A	E-350, 349-3	
00528			1PBE1160A	MV608 POWER CIRCUIT	B	18213A	E-412	
00529					G	18213A	E-336	
00530					AB	18213A	E-336	
00531					AB	18213A	E-350	
00532					AB	JB3809	E-350	
00533					AB	48258A	E-350	
00534					AB	48258A	E-348, 350	
00535					DG	48258A	E-348	
00536			1PBE1160B	MV608 POWER CIRCUIT	B	18213A	E-412	
00537					G	18213A	E-336	
00538					AB	18213A	E-336	
00539					AB	18213A	E-350	
00540					AB	JB3809	E-350	
00541					AB	38145A	E-350	
00542			BE1160	MV608 CIRCUIT BREAKER (CH. 1)	DG		E-348	
00543			C5706	MV608 CONTROL ROOM PANEL (CH. 1)	FF		E-353	
00544			CDY-E2	MV608 DISCONNECT SWITCH (CH. 1)	V		E-350	
00545			EV608	MV608 TERMINAL BOX (CH. 1)	AB		E-350	
00548			JT5721	AF608 TERMINAL BOX (CH 1)	DD		E-356-1B	
00546			MV608	SG 1 AFW ISOLATION VALVE (CH. 1)	AB		E-350	
00547			NV608A	MV608 LOCAL CONTROLLER (CH. 1)	AB		E-350	
00600		AF6451	2CLC6451A	AF6451 CONTROL CIRCUIT	X	46968A	E-346-1	
00601					X	2CKM	E-346-1	
00602					X	46961H	E-346-1	
00603					X	2CKL	E-346-1	
00604					Q	36748A	E-338	
00605					X	36748A	E-346	
00606					Q	2CGE	E-338	
00607					Q	36172A	E-338	
00608					R	36172A	E-338	
00609			2CLC6451C	AF6451 CONTROL CIRCUIT	A	37802B	E-349-2, 338	
00610					A	JB3726	E-349-2	
00611					A	37138A	E-349-2	
00613					A	2CEG	E-356-1	
00614					A	2CEG	E-349-2	
00614A					A	2CED	E-349-2	
00615					DD	2CED	E-356-7	

RACEWAY LEGEND (A) = 3-HR FIRE WRAP (B) = 1-HR FIRE WRAP (C) = RADIANT ENERGY SHIELD * = EMBEDDED CONDUIT

APPENDIX B-1

CIRCUIT/SUB-COMPONENT LOCATION SUMMARY BY SYSTEM

ID No.	SYSTEM	COMPONENT	CIRCUIT/ SUB-COMP	DESCRIPTION	FIRE AREA	RACEWAY	RACEWAY DRAWING	CHANGE NO/TYP
00616	AFWS	AF6451	2CLC6451C	AF6451 CONTROL CIRCUIT	DD	2CKN	E-356-7	
00617					DD	2CPR	E-356-7	
00618					DD	2CKM	E-356-7	
00619					DF	2CKM	E-346-1, 347-1	
00620					X	2CKM	E-346-1	
00621					X	46968A	E-346-1	
00622			2CLC6451D	AF6451 CONTROL CIRCUIT	X	46968A	E-346-1	
00623					X	2CKM	E-346-1	
00624					DF	2CKM	E-346-1, 347-1	
00625					DD	2CKM	E-356-7	
00626					DD	2CPR	E-356-7	
00627					DD	2CKN	E-356-7	
00628					DD	2CED	E-356-7	
00629					A	2CED	E-356-7, 335	
00630					A	2CEE	E-335	
00631					A	27318A	E-335	
00632					A	JB2717	E-335	
00633					A	27318B	E-335	
00634					F	JB2718	E-335	
00635					F	27318C	E-335	
00636					F	2CEE	E-335	
00637					F	27019A	E-335	
00638					F	JT2730	E-335	
00639					F	27889A	E-335	
00648			2CLC6451I	AF6451 CONTROL CIRCUIT	F	27887B	E-335	
00649			2CLC6451J	AF6451 CONTROL CIRCUIT	Q	36172A	E-338	
00650					R	36172A	E-338	
00651					Q	2CGE	E-338	
00652					Q	36179A	E-338, 418	
00653					Q	JB3620	E-338	
00654					Q	36179B	E-338	
00654A					DUCT	36179B*	E-337, 342	
00655					F	2CEE	E-335	
00656					F	27097A	E-335	
00657					F	EV3872	E-335	
00658					F	27094A	E-335	
00659			2CLC6451K	AF6451 CONTROL CIRCUIT	Q	36172A	E-338	
00660					R	36172A	E-338	
00661					Q	2CGE	E-338	
00662					Q	36179A	E-338, 418	
00663					Q	JB3620	E-338	
00664					Q	36179B	E-338	
00664A					DUCT	36179B*	E-337, 342	
00665					F	2CEE	E-335	
00666					F	27097A	E-335	
00667					F	EV3872	E-335	
00668					F	27095A	E-335	
00681			2CLY6454A	LY6454 CONTROL CIRCUIT	FF	2CP17C	E-353	
00682					DD	2CP17C	E-356-8	
00683					DD	2CPN	E-356-7	
00684					DD	2CPP	E-356-7	
00685					DD	2CEA	E-357-7	
00686					A	2CEA	E-349-2	
00687					A	37806B	E-349-2, 338	
00689			2CLY6454B	LY6454 CONTROL CIRCUIT	FF	2CP56C	E-353	
00690					DD	2CP56C	E-356-8	
00691					DD	2CPN	E-356-7	
00692					DD	2CPP	E-356-7	
00693					DD	2CEA	E-356-1, 356-7	
00694					A	2CEA	E-349-2	
00695					A	37806B	E-349-2, 338	
00669			2LLC6451B	AF6451 CONTROL CIRCUIT	X	46969D	E-346-1	
00670					DF	46969A	E-346-1, 347-1	
00671					DD	46969A	E-356-1C 356-1B	
00672					DD	JB5780	E-356-1B	
00673					FF	46969B	E-356-1B	
00674					DD	46969B	E-356-1B	
00675			2LLC6451E	AF6451 CONTROL CIRCUIT	X	46969D	E-346-1	
00676					DF	36980B	E-346-1	
00677					A	36980B	E-338	
00678					A	36980B	E-335, 349-2	
00679					F	JB2711	E-335	
00680					F	27886A	E-335	
00640			2LLC6451F	AF6451 CONTROL CIRCUIT	F	27886B	E-335	
00641			2LLC6451G	AF6451 CONTROL CIRCUIT	X	46969D	E-346-1	
00642					DF	36980B	E-346-1	
00643					A	36980B	E-338	
00644					A	36980B	E-349-2	
00645					F	JB2711	E-335	

RACEWAY LEGEND (A) = 3-HR FIRE WRAP (B) = 1-HR FIRE WRAP (C) = RADIANT ENERGY SHIELD * = EMBEDDED CONDUIT

APPENDIX B-1

CIRCUIT/SUB-COMPONENT LOCATION SUMMARY BY SYSTEM

ID No.	SYSTEM	COMPONENT	CIRCUIT/ SUB-COMP	DESCRIPTION	FIRE AREA	RACEWAY	RACEWAY DRAWING	CHANGE NO/TYP
00646	AFWS	AF6451	2LLC6451G	AF6451 CONTROL CIRCUIT	F	27886A	E-335	
00647			2LLC6451H	AF6451 CONTROL CIRCUIT	F	27886B	E-335	
00698			C3630	AF6451 AUX SHUTDOWN PANEL (CH 2)	R		E-338	
00697			C4625	AF6451 CONTROL CABINET (CH 2)	X		E-346-1	
00705			C5709	AF6451 CONTROL ROOM PANEL (CH 2)	FF		E-353	
00707			C5717	LY6454 CONTROL ROOM PANEL (CH 2)	FF		E-353	
00708			C5756C	LY6454 CONTROL ROOM PANEL (CH 2)	FF		E-353	
00702			FV6451	AFW PUMP 1-2 FLOW CONTROL VALVE (CH 2)	F		E-335	
00699			RC3702	AF6451 RELAY CABINET (CH 2)	A		E-338	
00701			ZC6451	AF6451 SOLENOID VALVE (CH 2)	F		E-335	
00703			ZS38710	AF6451 LIMIT SWITCH (CH 2)	F		E-335	
00704			ZS38720	AF6451 LIMIT SWITCH (CH 2)	F		E-335	
00700			ZS5889B	AF6451 LIMIT SWITCH (CH 2)	F		E-335	
00851		AF6452	1CLC6452A	AF6452 CONTROL CIRCUIT	S	36982B	E-338	
00852					R	36982B	E-338	
00853					R	JB3699	E-338	
00854					R	36982C	E-338	
00800			1CLC6452C	AF6452 CONTROL CIRCUIT	S	36982B	E-338	
00801					R	36982B	E-338	
00802					R	JB3699	E-338	
00803					R	36982D	E-338	
00804					A	36982D	E-338	
00805					P	36982D	E-338	
00821			1CLC6452D	AF6452 CONTROL CIRCUIT	S	36982A	E-338	
00822					S	1CGC	E-338	
00823					S	36090A	E-338, 418	
00824					S	JB3607	E-338	
00825					S	36090B	E-338	
00826					DUCT	36090B*	E-338, 342	
00827					E	1CEC	E-335	
00828					E	27892A	E-335	
00829					E	27892B	E-335	
00830					E	27892C	E-335	
00831					E	27892E	E-335	
00832					E	JB27A1	E-335	
00833					E	FLEX	E-335	
00848			1CLC6452I	AF6452 CONTROL CIRCUIT	E	27892D	E-335	
00849					E	27892B	E-335	
00850					E	27202C	E-335	
00855			1CLC6452J	AF6452 CONTROL CIRCUIT	R	36142A	E-338	
00856					S	36142A	E-338	
00857					S	1CGC	E-338	
00858					S	36091A	E-338,351-1,418	
00859					S	JB3607	E-338	
00860					E	36091B	E-335, 342	
00861					S	36091B	E-338	
00862					DUCT	36091B*	E-337	
00863					E	1CEB	E-335	
00864					E	27096A	E-335	
00865					E	EV3869	E-335	
00866					E	27092A	E-335	
00867			1CLC6452K	AF6452 CONTROL CIRCUIT	R	36142A	E-338	
00868					S	36142A	E-338	
00869					S	1CGC	E-338	
00870					S	36091A	E-338	
00870A					S	JB3607	E-338, 351-1	
00870B					DUCT	36091B*	E-337	
00870C					E	1CEB	E-335	
00870D					E	27096A	E-335	
00870E					E	EV3869	E-335	
00870F					E	27093A	E-335	
00871			1CLY6453A	LY6453 CONTROL CIRCUIT	DD	1CJL	E-356-1, 356-6	
00872					DD	1CPL	E-356-1, 356-6	
00873					DD	1CP17A	E-356-8	
00874					FF	1CP17A	E-353	
00875					A	37805C	E-349-2	
00876					V	37805C	E-349-3	
00877					V	1CJL	E-349-3	
00878					U	1CJL	E-349-3	
00879					CC	1CJL	E-347	
00880			1CLY6453B	LY6453 CONTROL CIRCUIT	DD	1CJL	E-356-1, 356-6	
00881					DD	1CP63C	E-356-1	
00882					DD	1CPL	E-356-1	
00883					U	1CJL	E-349-3	
00884					V	1CJL	E-349-3	
00885					V	37805C	E-349-3	
00886					CC	1CJL	E-347	
00887					A	37805C	E-349-2	

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APPENDIX B-1

CIRCUIT/SUB-COMPONENT LOCATION SUMMARY BY SYSTEM

ID No.	SYSTEM	COMPONENT	CIRCUIT/ SUB-COMP	DESCRIPTION	FIRE AREA	RACEWAY	RACEWAY DRAWING	CHANGE NO/TYP
00888	AFWS	AF6452	1CLY6453B	LY6453 CONTROL CIRCUIT	FF	1CP63C	E-353	
00806			1LLC6452B	AF6452 CONTROL CIRCUIT	S	36983A	E-338	
00807					S	JB3698	E-338	
00808					S	36081B	E-338	
00809					DUCT	36081B*	E-338	
00810					E	1LEC	E-335	
00811					A	1LEC	E-335	
00812					A	27118	E-335	
00813					A	27118A*	E-333	
00813A					II	27118A*	E-333, 339	
00813B					UU	27118A*	E-333, 339	
00814					II	27118B*	E-333	
00814A					CC	27118B*	E-339, 344, 356	
00814B					DD	27118B*	E-339, 344, 356	
00815					DD	27118C	E-356-1	
00816					DD	JB5781	E-356-1B	
00817					DD	57956A	E-356-1B	
00818					DD	JB5782	E-356-1B	
00819					DD	57956B	E-356-1B	
00819A					FF	57956B	E-356-1B	A
00820					FF	C5706B	E-356-1B	
00840			1LLC6452E	AF6452 CONTROL CIRCUIT	S	36983A	E-338	
00841					S	JB3698	E-338	
00842					S	36081B	E-338	
00843					DUCT	36081B*	E-337, 342	
00844					E	1LEC	E-335	
00845					E	27891A	E-335	
00846			1LLC6452F	AF6452 CONTROL CIRCUIT	E	27202B	E-335	
00834			1LLC6452G	AF6452 CONTROL CIRCUIT	S	36983A	E-338	
00835					S	JB3698	E-338	
00836					S	36081B	E-338	
00837					DUCT	36081B*	E-337, 342	
00838					E	1LEC	E-335	
00839					E	27891A	E-335	
00847			1LLC6452H	AF6452 CONTROL CIRCUIT	E	27202B	E-335	
00895			C3630	AF6452 AUX SHUTDOWN PANEL (CH 1)	R		E-338	
00889			C3645	AF6452 CONTROL CABINET (CH 1)	S		E-337	
00891			C5706	AF6452 CONTROL ROOM PANEL (CH 1)	FF		E-353	
00900			C5717	LY6453 CONTROL ROOM PANEL (CH. 1)	FF		E-353	
00899			C5763C	LY6453 CONTROL ROOM PANEL (CH. 1)	FF		E-353	
00894			FV6452	AFW PUMP 1-2 FLOW CONTROL VALVE (CH 1)	E		E-335	
00890			RC3701	AF6452 RELAY CABINET (CH 1)	A		E-349	
00898					A		E-349	
00893			ZC6452	AF6452 SOLENOID VALVE (CH 1)	E		E-335	
00896			ZS38690	AF6452 LIMIT SWITCH (CH 1)	E		E-335	
00897			ZS38700	AF6452 LIMIT SWITCH (CH 1)	E		E-335	
00892			ZS5889A	AFWP 1 STM ADMISSION VLV INLK (CH 1)	E		E-335	
0910		E183	N/A	MDFP SEAL WTR COOLERS	II	MAN		
0920		E184-1	N/A	MDFP SEAL WTR COOLERS	II	MAN		
0930		E184-2	N/A	MDFP SEAL WTR COOLERS	II	MAN		
01016		FW6459	1CLC6459B	FW6459 CONTROL CIRCUIT	S	36982A	E-338	
01017					S	1CGC	E-338	
01018					S	36090A	E-338, 418	
01019					S	JB3607	E-338	
01020					S	36090B	E-338	
01021					DUCT	36090B*	E-342	
01022					E	1CEC	E-335	
01023					A	1CEC	E-335	
01024					A	27116	E-335	
01025					A	27116A*	E-333, 339	
01025A					II	27116A*	E-333, 339	
01025B					UU	27116A*	E-333, 339	
01026					II	27116B*	E-339, 344, 356	
01026A					CC	27116B*	E-333, 339	
01026B					DD	27116B*	E-333, 339	
01027					DD	27116C	E-356	
01028					DD	1CPL	E-356	
01029					DD	1CPT	E-356-6	
01030					DD	1CPM	E-356-6	
01031					FF	UNSCHED	E-353	
01047			1CLC6459G	FW6459 CONTROL CIRCUIT	II	24223B	E-308	
01000			1CLC6459H	FW6459 CONTROL CIRCUIT	S	36982A	E-338	
01001					S	1CGC	E-338	
01002					S	36090A	E-338, 418	
01003					S	JB3607	E-338	

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APPENDIX B-1

CIRCUIT/SUB-COMPONENT LOCATION SUMMARY BY SYSTEM

ID No.	SYSTEM	COMPONENT	CIRCUIT/ SUB-COMP	DESCRIPTION	FIRE AREA	RACEWAY	RACEWAY DRAWING	CHANGE NO/TYP
01004	AFWS	FW6459	1CLC6459H	FW6459 CONTROL CIRCUIT	S	36090B	E-338	
01005					DUCT	36090B*	E-342	
01006					E	1CEC	E-335	
01007					A	1CEC	E-335	
01008					A	27116	E-335	
01009					A	27116A*	E-333, 339	
01009A					II	27116A*	E-333, 339	
01009B					UU	27116A*	E-333, 339	
01010					II	27116B*	E-333, 339	
01010A					CC	27116B*	E-333, 339	
01010B					DD	27116B*	E-333, 339	
01011					DD	27116C	E-356	
01012					DD	1CPL	E-356	
01013					DD	1CPT	E-356-6	
01014					DD	1CPM	E-356-6	
01015					FF	UNSCHED	E-353	
01048			1LLC6459A	FW6459 CONTROL CIRCUIT	S	36983A	E-338	
01049					S	JB3698	E-338	
01050					S	36081B	E-338	
01051					DUCT	36081B*	E-342	
01052					E	1LEC	E-335	
01053					A	1LEC	E-335	
01054					A	27118	E-335	
01055					A	27118A*	E-333, 339	
01055A					II	27118A*	E-333, 339	
01055B					UU	27118A*	E-333, 339	
01056					II	27118B*	E-339,344,356	
01056A					CC	27118B*	E-339, 344, 356	
01056B					DD	27118B*	E-339, 344, 356	
01057					DD	27118C	E-356-1	
01058					DD	JB5781	E-356-1	
01059					DD	57956A	E-356-1	
01060					DD	JB5782	E-356-1	
01061					DD	57956	E-356	
01062					FF	57956	E-356	
01032			1LLC6459C	FW6459 CONTROL CIRCUIT	S	36983A	E-338	
01033					S	JB3698	E-338	
01034					S	36081B	E-338	
01035					DUCT	36081B*	E-342	
01036					E	1LEC	E-335	
01037					E	27891C	E-335	
01038					II	27891C	E-308	
01046			1LLC6459D	FW6459 CONTROL CIRCUIT	II	24223A	E-308	
01039			1LLC6459E	FW6459 CONTROL CIRCUIT	S	36983A	E-338	
01040					S	JB3698	E-338	
01041					E	36081B	E-338	
01042					E	1LEC	E-338, 335	
01043					E	27891C	E-335	
01044					II	27891C	E-308	
01045			1LLC6459F	FW6459 CONTROL CIRCUIT	II	24223A	E-308	
01063			C3645	FW6459 CONTROL CABINET (CH 1)	S		E-337	
01067			C5709	FW6459 CONTROL ROOM PANEL (CH 1)	FF		E-353	
01066			FV6459	MDFP FLOW CONTROL VALVE (CH 1)	II		E-308	
01064			JT5721	FW6459 TERMINAL BOX (CH 1)	DD		E-356	
01065			ZC6459	FW6459 SOLENOID VALVE (CH 1)	II		E-308	
01106		FW6460	2CLC6460B	FW6460 CONTROL CIRCUIT	X	46968A	E-346	
01107					X	2CKM	E-346	
01108					DF	2CKM	E-346, 347	
01109					DD	2CKM	E-356-7	
01110					DD	2CPN	E-356	
01111					FF	UNSCHED	E-353	
01130			2CLC6460G	FW6460 CONTROL CIRCUIT	II	24222B	E-308	
01100			2CLC6460H	FW6460 CONTROL CIRCUIT	X	46968A	E-346	
01101					X	2CKM	E-346	
01102					DF	2CKM	E-346, 347	
01103					DD	2CKM	E-356-7	
01104					DD	2CPN	E-356	
01105					FF	UNSCHED	E-355	
01131			2LLC6460A	FW6460 CONTROL CIRCUIT	X	46969D	E-346	
01132					DF	46969A	E-347	
01133					DD	46969A	E-356-1	
01134					DD	JB5780	E-356-1	
01135					DD	46969B	E-356-1	
01136					DD	C5706C	E-356-1	
01112			2LLC6460C	FW6460 CONTROL CIRCUIT	X	46969D	E-346	
01113					DF	36980B	E-335	
01114					A	36980B	E-335	
01115					A	36980B	E-338	

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APPENDIX B-1

CIRCUIT/SUB-COMPONENT LOCATION SUMMARY BY SYSTEM

ID No.	SYSTEM	COMPONENT	CIRCUIT/ SUB-COMP	DESCRIPTION	FIRE AREA	RACEWAY	RACEWAY DRAWING	CHANGE NO/TYP
01116	AFWS	FW6460	2LLC6460C	FW6460 CONTROL CIRCUIT	F	JB2711	E-335	
01117					F	27890A	E-335	
01118					A	27890A	E-335	
01119					II	27890A	E-308	
01120			2LLC6460D	FW6460 CONTROL CIRCUIT	II	24222A	E-308	
01121			2LLC6460E	FW6460 CONTROL CIRCUIT	X	46969D	E-346	
01122					DF	36980B	E-335	
01123					A	36980B	E-335	
01124					A	36980B	E-338	
01125					F	JB2711	E-335	
01126					F	27890A	E-335	
01127					A	27890A	E-335	
01128					II	27890A	E-308	
01129			2LLC6460F	FW6460 CONTROL CIRCUIT	II	24222A	E-308	
01137			C4625	FW6460 CONTROL CABINET (CH 2)	X		E-346	
01141			C5709	FW6460 CONTROL ROOM PANEL (CH 2)	FF		E-353	
01140			FV6460	MDFP FLOW CONTROL VALVE (CH 2)	II		E-308	
01138			JT5722	FW6460 TERMINAL BOX (CH 2)	DD		E-356	
01139			ZC6460	FW6460 SOLENOID VALVE (CH 2)	II		E-308	
01200		ICS038A	2CAFPT02A	ICS038A CONTROL CDF-12A-1 TO JT2704	F	27204A	E-335	
01201					F	2CEE	E-335	
01202					DUCT	36182B*	E-337, 342	
01203					Q	36182B	E-338	
01204					Q	JB3620	E-338	
01205					Q	36182A	E-338	
01206					Q	2CGE	E-338	
01207					Q	36728A	E-338	
01208					X	36728A	E-346	
01209					X	46892A	E-346	
01210					X	2CKL	E-346	
01211					X	46363A	E-346	
01212					X	2CKM	E-346	
01213			2CAFPT02B	ICS038A CONTROL CDF-12A-1 TO C5709	FF	5706D1	E-356-8	
01214					DD	5706D1	E-356-7, 356-8	
01215					DD	2CPN	E-356-7, 356-8	
01216					DD	2CKM	E-356-7	
01217					DF	2CKM	E-346, 347	
01218					X	2CKM	E-346	
01219					X	46361A	E-346	
01220			2CAFPT02C	ICS038A CONTROL CDF-12A-1 TO C3630	R	36172A	E-338	
01221					Q	36172A	E-338	
01222					Q	2CGE	E-338	
01223					Q	36728A	E-338	
01224					X	36728A	E-346	
01225					X	46892B	E-346	
01226					X	2CKL	E-346	
01227					X	46362A	E-346	
01228					X	2CKM	E-346	
01229			2CAFPT02M	ICS038A 24V DC POWER C3630 TO JT2704	F	27204A	E-335	
01230					F	2CEE	E-335	
01231					DUCT	36182B*	E-337, 342	
01232					Q	36182B	E-338	
01233					Q	JB3620	E-338	
01234					Q	2CGE	E-338	
01235					Q	36182A	E-338	
01236					Q	36172A	E-338	
01237					R	36172A	E-338	
01238			2CAFPT02P	ICS038A CONTROL CIRCUIT	X	46362A	E-346	
01239					X	2CKM	E-346	
01240					X	46892B	E-346	
01241					Q	36748B	E-338	
01242					X	36748B	E-346	
01243					X	2CKL	E-346	
01244					Q	2CGE	E-338	
01245					Q	36179A	E-338, 418	
01246					Q	JB3620	E-338	
01247					DUCT	36179B*	E-338, 337, 342	
01248					Q	36179B	E-338, 337, 342	
01249					F	2CEE	E-335	
01250					F	27315B	E-335	
01251			2CAFPT02Q	ICS038A CONTROL CIRCUIT	F	27315A	E-335	
01252			2CSD08A	ICS038A CONTROL CIRCUIT	R	36172A	E-338	
01253					Q	36172A	E-338	
01254					Q	2CGE	E-338	
01255					Q	36729A	E-338	
01256					X	36729A	E-346	
01257					X	46892B	E-346	
01258					X	2CKL	E-346	

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APPENDIX B-1

CIRCUIT/SUB-COMPONENT LOCATION SUMMARY BY SYSTEM

ID No.	SYSTEM	COMPONENT	CIRCUIT/ SUB-COMP	DESCRIPTION	FIRE AREA	RACEWAY	RACEWAY DRAWING	CHANGE NO/TYP
01259	AFWS	ICS038A	2CSD08A	ICS038A CONTROL CIRCUIT	X	46362A	E-346	
01260					X	2CKM	E-346	
01261			C3630	ICS038A AUX SHUTDOWN PANEL (CH. 2)	R		E-338	
01262			C5709	ICS038A CONTROL ROOM PANEL (CH. 2)	FF		E-353	
01263			CDF-12A-1	ICS038A DISCONNECT SWITCH (CH. 2)	X		E-346	
01264			FZSICS38J	ICS038A LIMIT SWITCH (CH. 2)	F		E-335	
01265			ICS038A	AFPT 1-2 GOVERNOR CTRL VLV (CH. 2)	F		E-335	
01266			JT2704	ICS038A JUNCTION BOX (CH. 2)	F		E-335	
01267			MK0032	ICS038A GOVERNOR VALVE (CH. 2)	F		E-335	
01300		ICS038B	1CAFPT01A	ICS038B CONTROL CDE-12A-1 TO JT2703	E	27205A	E-335	
01301					E	1CEB	E-335	
01302					DUCT	36091B*	E-337	
01303					S	36091B	E-338	
01304					S	JB3607	E-338, 418	
01305					S	36091A	E-418	
01306					S	1CGC	E-338	
01307					S	36357A	E-338	
01308					Y	36357A	E-346	
01309					Y	46262A	E-346	
01310					Y	1CKA	E-346	
01311			1CAFPT01B	ICS038B CONTROL CDE-12A-1 TO C5709	FF	5706A1	E-356-8	
01312					DD	5706A1	E-356-6, 356-8	
01313					DD	1CPM	E-356-6, 356-8	
01314					DD	1CPL	E-356-1, 356-6	
01315					DD	27112C	E-356-1, 356-6	
01316					II	27112A*	E-333, 339	
01317					A	27112	E-335	
01318					A	1CEA	E-335	
01319					E	1CEA	E-335	
01320					DUCT	36083B*	E-337	
01321					S	36083B	E-338	
01322					S	JB3607	E-338, 418	
01323					S	36083A	E-418	
01324					S	36356A	E-338	
01325					S	1CGC	E-338	
01326					Y	36356A	E-346	
01327					Y	46262A	E-346	
01328					Y	1CKA	E-346	
01329			1CAFPT01C	ICS038B CONTROL CDE-12A-1 TO C3630	R	36142A	E-338	
01330					S	36142A	E-338	
01331					S	1CGC	E-338	
01332					S	36357A	E-338	
01333					Y	36357A	E-346	
01334					Y	46260A	E-346	
01335					Y	1CKA	E-346	
01336			1CAFPT01M	ICS038B 24V DC POWER C3630 TO JT2703	E	27086A	E-335	
01337					E	1CEB	E-335	
01338					DUCT	36088B*	E-337	
01339					S	36088B	E-338	
01340					S	JB3607	E-338, 418	
01341					S	36091A	E-418	
01342					S	1CGC	E-338	
01343					S	36142A	E-338	
01344					R	36142A	E-338	
01345			1CAFPT01P	ICS038B CONTROL CIRCUIT	Y	46262A	E-346	
01346					Y	1CKA	E-346	
01347					Y	36356B	E-346	
01348					S	36356B	E-338	
01349					S	1CGC	E-338	
01350					S	36090A	E-338, 418	
01351					S	JB3607	E-338	
01352					S	36088B	E-338	
01353					DUCT	36088B*	E-338	
01354					E	1CEB	E-335	
01355					E	27299B	E-335	
01356			1CAFPT01Q	ICS038B CONTROL CIRCUIT	E	27299A	E-335	
01357			1CSD07A	ICS038B CONTROL CIRCUIT	R	36142A	E-338	
01358					S	36142A	E-338	
01359					S	1CGC	E-338	
01360					S	36357A	E-338	
01361					Y	36357A	E-346	
01362					Y	46262A	E-346	
01363					Y	1CKA	E-346	
01364			C3630	ICS038B AUX SHUTDOWN PANEL (CH. 1)	R		E-338	
01365			C5706	ICS038B CONTROL ROOM PANEL (CH. 1)	FF		E-353	
01366			CDE-12A-1	ICS038B DISCONNECT SWITCH (CH. 1)	Y		E-346	
01315A			ICAFPT01B	ICS038B CONTROL CDE-12-1 TO C5709	DD	27112B*	E-339, 344, 356	
01315B					II	27112B*	E-339, 344, 356	

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APPENDIX B-1

CIRCUIT/SUB-COMPONENT LOCATION SUMMARY BY SYSTEM

ID No.	SYSTEM	COMPONENT	CIRCUIT/ SUB-COMP	DESCRIPTION	FIRE AREA	RACEWAY	RACEWAY DRAWING	CHANGE NO/TYP
01315C	AFWS	ICS038B	ICAFPT01B	ICS038B CONTROL CDE-12-1 TO C5709	CC	27112B*	E-339, 344, 356	
01316A					UU	27112A*	E-333, 339	
01316B					A	27112A*	E-333, 339	
01368			ICS038B	AFPT 1-1 GOVERNOR CTRL VLV (CH. 1)	E		E-335	
01369			JT2703	ICS038B TERMINAL BOX (CH. 1)	E		E-335	
01370			MK0031	ICS038B GOVERNOR VALVE (CH. 1)	E		E-335	
01399A		MS106	1CD135B	MS106 CONTROL CIRCUIT	EE	58078B	E-417	A
01399B					V	58078B	E-348	A
01400					V	JB4582	E-348	
01401					V	58078A	E-348	
01402					V	36098G	E-348	
01403					V	1CLA	E-348	
01404					V	36098F	E-340	
01405					DUCT	36098E*	E-310, 304, 340	
01406					MC	Exposed	E-310	
01407					DUCT	36098D*	E-329, 310	
01408					MB	Exposed	E-329	
01409					DUCT	36098C*	E-329	
01410					DUCT	36098B*	E-337, 329	
01410A					K	36098B	E-337, 338	
01411					K	36098A	E-338	
01412					K	36041C	E-338	
01413					K	1CGP	E-338	
01414					K	JB3637	E-338	
01415					DUCT	36041B*	E-337, 341	
01416					S	36041A	E-338	
01417					S	1CGC	E-338	
01418					S	36357B	E-338	
01419					Y	36357B	E-346	
01420					Y	46218C	E-346	
01421					Y	1CKA	E-346	
01422			1CD135C	MV106 CONTROL CIRCUIT	EE	58077A	E-417	
01424			1CD135F	MV106 CONTROL CIRCUIT	E	27309D	E-335	
01425					E	27309C	E-335	
01426					E	1CEX	E-335	
01427					E	27300A	E-335	
01428					E	1CEA	E-335	
01429					E	JB2708	E-335	
01430					E	27300B	E-335	
01431					A	1CEA	E-335	
01432					A	27517A	E-335	
01433					G	27517A	E-335	
01435					G	1CDB	E-335	
01436					U	1CDB	E-349-3	
01437					U	37048A	E-349-3	
01438					U	1CJM	E-349-3	
01439					V	38558A	E-350	
01440					V	1CJM	E-350	
01441			1CD135G	MV106 CONTROL CIRCUIT	FF	1CPA62	E-353	
01442					FF	1CP62A	E-423	
01443					DD	1CP62A	E-423	
01444					DD	1CPL	E-356-6	
01445					DD	46060A	E-356-6, 356-1	
01446					DD	1CPM	E-356-6, 356-1	
01447					DD	46060B*	E-343,344	
01447A					A	46060B*	E-343,344,356-1	
01447B					DF	46060B*	E-343,344,355	
01447C					X	46060B*	E-343,344,355	
01447D					Y	46060B*	E-343,344	
01448					Y	46218C	E-346	
01449					Y	1CKA	E-346	
01450			1CD135H	MV106 CONTROL CIRCUIT	V	38356B	E-349-3, 350	
01451					V	1CJM	E-349-3, 350	
01452					U	1CJM	E-349-3	
01453					U	37048B	E-349-3	
01454					U	1CDB	E-349-3	
01455					G	1CDB	E-335	
01456					G	27142B	E-335	
01458					A	27142B	E-335	
01459					A	1CEB	E-335	
01460					E	1CEB	E-335	
01461					DUCT	36085B*	E-337, 342	
01462					S	36085B	E-338	
01463					S	JB3607	E-338	
01464					S	36085A	E-338	
01465					S	1CGC	E-338	
01466					S	36357B	E-338	
01467					Y	36357B	E-346	

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APPENDIX B-1

CIRCUIT/SUB-COMPONENT LOCATION SUMMARY BY SYSTEM

ID No.	SYSTEM	COMPONENT	CIRCUIT/ SUB-COMP	DESCRIPTION	FIRE AREA	RACEWAY	RACEWAY DRAWING	CHANGE NO/TYP
01468	AFWS	MS106	1CD135H	MV106 CONTROL CIRCUIT	Y	46218C	E-346	
01469					Y	1CKA	E-346	
01470			1CD135I	MV106 CONTROL CIRCUIT	V	38556A	E-350	
01471					V	1CJL	E-350, 349	
01472					U	1CJL	E-349	
01473					CC	1CJL	E-347	
01474					DD	1CJL	E-356	
01475					DD	1CPL	E-356-6,356-1C	
01476					DD	1CPT	E-356-1C	
01477					DD	1CPM	E-356-1C,356-1A	
01478					DD	JB5777	E-356-1A	
01479					DD	1CPM	E-356-1B	
01480					FF	UNSCHED	E-353	
01481			1CD135K	MV106 CONTROL CIRCUIT	E	27309E	E-335	
01482					E	1CEX	E-335	
01483					E	27300A	E-335	
01484					E	1CEA	E-335	
01485					E	JB2708	E-335	
01486					E	27300B	E-335	
01487					A	1CEA	E-335	
01488					A	27517A	E-335	
01489					G	27517A	E-335	
01491					G	1CDB	E-335	
01492					U	1CDB	E-349-3	
01493					U	37048A	E-349-3	
01494					U	1CJM	E-349-3	
01495					V	1CJM	E-350	
01496					V	38558A	E-350	
01497			1CD135L	MV106 CONTROL CIRCUIT	A	27142A	E-335	
01498					A	1CEB	E-335	
01499					V	38356B	E-350	
01500					V	1CJM	E-349-3, 350	
01501					U	1CJM	E-349-3	
01502					U	37048A	E-349-3	
01503					U	1CDB	E-349-3	
01504					G	1CDB	E-335	
01505					G	27142A	E-335	
01507					E	1CEB	E-335	
01508					DUCT	36085B*	E-337, 342	
01509					S	JB3607	E-338	
01510					S	36085A	E-338	
01511					S	1CGC	E-338	
01512					S	36357B	E-338	
01513					Y	36357B	E-346	
01514					Y	46218C	E-346	
01515					Y	1CKA	E-346	
01540			1CD135P	MV106 CONTROL CIRCUIT	E	27309A	E-335	
01541					E	27309C	E-335	
01542					E	1CEX	E-335	
01543					E	27300A	E-335	
01544					E	1CEA	E-335	
01545					E	JB2708	E-335	
01546					E	27300B	E-335	
01547					A	1CEA	E-335	
01548					A	27517B	E-335	
01549					G	27517B	E-335	
01551					G	1CDB	E-335	
01552					U	1CDB	E-349-3	
01554					U	37048A	E-349-3	
01555					V	38556B	E-350	
01556					V	1CJM	E-350	
01557			1CD135R	MV106 CONTROL CIRCUIT	E	27309B	E-335	
01558					E	1CEX	E-335	
01559					E	27300A	E-335	
01560					E	1CEA	E-335	
01561					E	JB2708	E-335	
01562					E	27300B	E-335	
01563					A	1CEA	E-335	
01564					A	27517B	E-335	
01565					G	27517B	E-335	
01567					G	1CDB	E-335	
01568					U	1CDB	E-349-3	
01569					U	37048A	E-349-3	
01570					U	1CJM	E-349-3	
01571					V	1CJM	E-350, 349-3	
01572					V	38558A	E-350, 349-3	
01581			1CD135U	MV106 CONTROL CIRCUIT	V	38042A	E-350	
01582					V	38557A	E-350	
01583					V	1CJL	E-350	

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APPENDIX B-1

CIRCUIT/SUB-COMPONENT LOCATION SUMMARY BY SYSTEM

ID No.	SYSTEM	COMPONENT	CIRCUIT/ SUB-COMP	DESCRIPTION	FIRE AREA	RACEWAY	RACEWAY DRAWING	CHANGE NO/TYP
01584	AFWS	MS106	1CD135V	MV106 CONTROL CIRCUIT	E	27282A	E-335	
01585					E	1CEB	E-335	
01586					A	1CEB	E-335	
01587					A	27142B	E-335	
01588					G	27142B	E-335	
01590					G	1CDB	E-335	
01591					U	1CDB	E-349-3	
01592					U	37048B	E-349-3	
01593					U	1CJM	E-349-3	
01594					V	1CJM	E-350, 349-3	
01595					V	38556B	E-350, 349-3	
01596			1CD135Y	MV106 CONTROL CIRCUIT	A	37805B	E-349-2	
01597					V	37805B	E-349-3	
01598					V	1CJL	E-349-3	
01599					V	1CJL	E-350	
01600					V	38557A	E-350	
01601			1PD135A	MV106 POWER CIRCUIT	EE	46209A	E-417	
01602					DH	46209A	E-359,416	
01603					EE	46209A	E-414	
01604					DF	46209A	E-347	
01605					DF	46067B	E-343, 344	
01605A					X	46067B	E-343,344	
01605B					II	46067B*	E-343,344	
01605C					Y	46067B	E-343,344	
01606					Y	JB4640	E-346	
01607					Y	46217A	E-346	
01608			1PD135X	MV106 POWER CIRCUIT	EE	46209B	E-417	
01627			C5706	MV106 CONTROL ROOM PANEL (CH 1)	FF		E-353	
01609			C5762A	MV106 CONTROL ROOM PANEL (CH. 1)	FF		E-353	
01610			CDE-11C	MV106 DISCONNECT SWITCH (CH. 1)	V		E-350	
01611			D135	MV106 MCC D1 CUBICLE (CH. 1)	Y		E-346	
01612			EV106	MV106 TERMINAL BOX (CH. 1)	EE		E-417	
01614			FPS106A	MV106 PRESSURE SWITCH (CH. 1)	E		E-335	
01615			FPS106B	MV106 PRESSURE SWITCH (CH. 1)	E		E-335	
01616			FPS106C	MV106 PRESSURE SWITCH (CH. 1)	E		E-335	
01617			FPS106D	MV106 PRESSURE SWITCH (CH. 1)	E		E-335	
01618			FPSL4930A	MV106 PRESSURE SWITCH (CH. 1)	E		E-335	
01626			JT5721	MV106 TERMINAL BOX (CH 1)	DD		E-356-1B	
01620			MV106	AFPT 1 MN STM INLET ISO VLV (CH. 1)	EE		E-417	
01621			NCDE-11C	MV106 LOCAL CONTROLLER (CH. 1)	V		E-350	
01625			RC3701	MV106 RELAY CABINET (CH. 1)	A		E-349-2	
01700		MS106A	1CBE1271B	MV106A CONTROL CIRCUIT	EE	57151A	E-414	
01701					DD	57151A	E-356-1, 356-6	
01702					DD	1CPL	E-356-1, 356-6	
01703					DD	1CLA	E-356-6	
01704					V	36096G	E-348	
01705					V	1CLA	E-348, 347	
01706					V	36096F	E-350	
01707					DUCT	36096E*	E-310, 340	
01708					MC	Exposed	E-329	
01709					DUCT	36096D*	E-304, 310, 329	
01710					MB	Exposed	E-329	
01711					DUCT	36096C*	E-329	
01712					DUCT	36096B*	E-337, 329	
01712A					K	36096B	E-337, 338	
01713					K	36096A	E-338	
01714					K	36953A	E-338	
01715					K	1CGP	E-338	
01716			1CBE1271C	MV106A CONTROL CIRCUIT	EE	57151B	E-414	
01718			1CBE1271F	MV106A CONTROL CIRCUIT	K	36612A	E-338	
01719					K	36953A	E-338	
01720					K	1CGP	E-338	
01721			1CBE1271G	MS106A CONTROL CIRCUIT	K	36612B	E-338	
01722					K	1CGP	E-338	
01723					K	36096A	E-338	
01724					K	36096B	E-337, 329	
01724A					DUCT	36096B*	E-337, 338	
01725					DUCT	36096C*	E-329	
01726					MB	Exposed	E-329	
01727					DUCT	36096D*	E-304,310,329	
01728					MC	Exposed	E-329	
01729					DUCT	36096E*	E-310, 340	
01730					V	36096F	E-350	
01731					V	36096G	E-348	
01732					V	1CLA	E-348, 347	
01733					DD	1CLA	E-356-6	
01734					DD	1CPL	E-356-6	
01735					DD	JB5777	E-356-1A	

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APPENDIX B-1

CIRCUIT/SUB-COMPONENT LOCATION SUMMARY BY SYSTEM

ID No.	SYSTEM	COMPONENT	CIRCUIT/ SUB-COMP	DESCRIPTION	FIRE AREA	RACEWAY	RACEWAY DRAWING	CHANGE NO/TYP
01735A	AFWS	MS106A	1CBE1271G	MS106A CONTROL CIRCUIT	DD	1CPL	E-356-6	
01736					DD	1CPM	E-356-6	
01737					FF	UNSCHED	E-353	
01738			1CBE1271H	MV106A CONTROL CIRCUIT	FF	1CPA62	E-356-10	
01739					FF	1CP62A	E-353	
01740					DD	1CP62A	E-423	
01741					DD	1CPL	E-356-6	
01742					DD	1CLA	E-356-6	
01743					V	1CLA	E-348	
01744					V	36096G	E-348	
01745					V	36096F	E-350	
01746					DUCT	36096E*	E-310, 340	
01747					MC	Exposed	E-329	
01748					DUCT	36096D*	E-304, 310, 329	
01749					MB	Exposed	E-329	
01750					DUCT	36096C*	E-329	
01751					DUCT	36096B*	E-337, 329	
01751A					K	36096B	E-337, 338	
01752					K	36096A	E-338	
01753					K	36953A	E-338	
01754					K	1CGP	E-338	
01755			1CBE1271J	MV106A CONTROL CIRCUIT	DUCT	36096E*	E-310, 340	
01756					FF	1CPA62	E-353	
01757					FF	1CP62A	E-423	
01759					DD	1CPL	E-356-6	
01760					DD	1CLA	E-356-6	
01761					V	1CLA	E-348, 347	
01762					V	36096G	E-348	
01763					V	36096F	E-350	
01764					MC	Exposed	E-329	
01765					DUCT	36096D*	E-329	
01766					MB	Exposed	E-329	
01767					DUCT	36096C*	E-329	
01768					DUCT	36096B*	E-337, 329	
01768A					K	36096B	E-337, 338	
01769					K	36096A	E-338	
01770					K	36953A	E-338	
01771					K	1CGP	E-338	
01772			1CBE1271K	MV106A CONTROL CIRCUIT	E	27283A	E-335	
01773					E	1CEB	E-335	
01774					A	1CEB	E-335	
01775					A	27142B	E-335	
01776					G	27142B	E-335	
01778					G	1CDB	E-335	
01779					U	1CDB	E-349-3	
01780					U	37048B	E-349-3	
01781					U	1CJM	E-349-3	
01782					V	1CJM	E-350	
01783					V	38556B	E-350	
01784			1CBE1271L	MV106A CONTROL CIRCUIT	V	38557A	E-350	
01785					V	1CJL	E-350	
01786					U	1CJL	E-349-3	
01787					CC	1CJL	E-347	
01788					CC	47250A	E-347	
01789					V	36096G	E-348	
01790					V	1CLA	E-348, 347	
01791					V	36096F	E-350	
01792					DUCT	36096E*	E-310, 340	
01793					MC	Exposed	E-329	
01794					DUCT	36096D*	E-304, 310, 329	
01795					MB	Exposed	E-329	
01796					DUCT	36096C*	E-329	
01797					DUCT	36096B*	E-337, 329	
01797A					K	36096B	E-337, 338	
01798					K	36096A	E-338	
01799					K	36953B	E-338	
01800					K	1CGP	E-338	
01801			1PBE1271A	MV106 POWER CIRCUIT	EE	FLEX	E-414	
01802					EE	JB5770	E-414	
01803					EE	36239A	E-413,414	
01804					X	36239A	E-346-1	
01805					Q	36239A	E-338	
01806					J	36239A	E-338	
01807					K	36239A	E-338	
01808			BE1271	MV106A CIRCUIT BREAKER (CH. 1)	K		E-338	
01817			C5706	MV106A CONTROL ROOM PANEL (CH 1)	FF		E-353	
01809			C5762A	MV106A CONTROL ROOM PANEL (CH. 1)	FF		E-353	
01810			CDE-11C	MV106A DISCONNECT SWITCH (CH. 1)	V		E-350	
01811			CDE-12B	MV106A DISCONNECT SWITCH (CH. 1)	K		E-338	

RACEWAY LEGEND (A) = 3-HR FIRE WRAP (B) = 1-HR FIRE WRAP (C) = RADIANT ENERGY SHIELD * = EMBEDDED CONDUIT

APPENDIX B-1

CIRCUIT/SUB-COMPONENT LOCATION SUMMARY BY SYSTEM

ID No.	SYSTEM	COMPONENT	CIRCUIT/ SUB-COMP	DESCRIPTION	FIRE AREA	RACEWAY	RACEWAY DRAWING	CHANGE NO/TYP
01812	AFWS	MS106A	EV106A	MV106A TERMINAL BOX (CH. 1)	EE		E-414	
01813			FPSL4930B	MV106A PRESSURE SWITCH (CH. 1)	E		E-335	
01816			JT5721	MV106A TERMINATION BOX (CH 1)	DD		E-356-1B	
01814			MV106A	AFP SG STM SUPPLY VLV (CH. 1)	EE		E-414	
01900		MS107	2CBF1124B	MV107 CONTROL CIRCUIT	EE	67065A	E-414	
01901					DH	67065A	E-416	
01902					DH	JB6720	E-416	
01903					DH	47064C	E-416	
01904					DH	47064B*	E-344, 347, 358	
01904A					II	47064B*	E-344,347,358	
01904B					EE	47064B*	E-344,347,358	
01904C					DF	47064B*	E-344,347,358	
01905					DF	47064A	E-347	
01906			2CBF1124C	MV107 CONTROL CIRCUIT	EE	67150A	E-414	
01908			2CBF1124F	MV107 CONTROL CIRCUIT	F	27380B	E-335	
01909					F	2CEW	E-335	
01910					F	27381A	E-335	
01911					F	2CEC	E-335	
01912					A	2CEC	E-335	
01913					A	2CEB	E-335	
01914					A	2CEA	E-349-2, 347	
01915					DD	2CEA	E-356-7	
01916					DD	2CLA	E-356-7	
01917					DF	2CLA	E-347	
01918					DF	47703A	E-347	
01919					DF	2CLB	E-347	
01920			2CBF1124G	MV107 CONTROL CIRCUIT	FF	2CP92D	E-353	
01921					FF	2CP92A	E-353	
01922					DD	2CP92A	E-423	
01923					DD	2CEV	E-356-7	
01924					DD	2CPN	E-356-7	
01925					DD	2CKM	E-356-7	
01926					DD	2CPR	E-356-7	
01927					DD	2CLA	E-356-7	
01928					DF	2CLA	E-347	
01929					DF	47318A	E-347	
01930			2CBF1124H	MV107 CONTROL CIRCUIT	DF	47703A	E-347	
01931					DF	2CLB	E-347	
01932					DF	47317A	E-347	
01933					DF	2CLA	E-347	
01934			2CBF1124I	MS107 CONTROL CIRCUIT	DF	47705A	E-347	
01935					DF	2CLB	E-347	
01936					DD	2CLA	E-356	
01937					A	2CLA	E-356	
01938					DD	2CPP	E-356	
01938A					DD	2CPN	E-356	
01939					DD	JB5776	E-356	
01940					DD	2CPN	E-356	
01941					FF	UNSCHED	E-353	
01942			2CBF1124K	MV107 CONTROL CIRCUIT	F	27380A	E-335	
01943					F	2CEW	E-335	
01944					F	27091A	E-335	
01945					F	2CEC	E-335	
01946					A	2CEC	E-335	
01947					A	2CEB	E-335	
01948					A	2CEA	E-349-2, 347	
01949					DD	2CEA	E-356-7	
01950					DD	2CLA	E-356-7	
01951					DF	2CLA	E-347	
01952					DF	47703A	E-347	
01953					DF	2CLB	E-347	
01954			2CBF1124L	MV107 CONTROL CIRCUIT	DF	2CLB	E-347	
01955					DF	47705A	E-347	
01956					DF	47317A	E-347	
01957					DF	2CLA	E-347	
01962			2CBF1124P	MV107 CONTROL CIRCUIT	F	27380D	E-335	
01963					F	2CEW	E-335	
01964					F	27381A	E-335	
01965					F	2CEC	E-335	
01966					A	2CEC	E-335	
01967					A	2CEB	E-335	
01968					A	2CEA	E-349-2, 347	
01969					DD	2CEA	E-356-7	
01970					DD	2CLA	E-356-7	
01971					DF	2CLA	E-347	
01972					DF	47703A	E-347	
01973					DF	2CLB	E-347	
01974			2CBF1124R	MV107 CONTROL CIRCUIT	F	27380C	E-335	

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CIRCUIT/SUB-COMPONENT LOCATION SUMMARY BY SYSTEM

ID No.	SYSTEM	COMPONENT	CIRCUIT/ SUB-COMP	DESCRIPTION	FIRE AREA	RACEWAY	RACEWAY DRAWING	CHANGE NO/TYP
01975	AFWS	MS107	2CBF1124R	MV107 CONTROL CIRCUIT	F	2CEW	E-335	
01976					F	27091A	E-335	
01977					F	2CEC	E-335	
01978					A	2CEC	E-335	
01979					A	2CEB	E-335	
01980					A	2CEA	E-349-2, 347	
01981					DD	2CEA	E-356-7	
01982					DD	2CLA	E-356-7	
01983					DF	2CLA	E-347	
01984					DF	47703A	E-347	
01985					DF	2CLB	E-347	
01986			2CBF1124S	MV107 CONTROL CIRCUIT	EE	57150B	E-417	
01987			2CBF1124T	MV107 CONTROL CIRCUIT (MV107A INTLK)	EE	58000A	E-417	
01988			2CBF1124U	MV107 CONTROL CIRCUIT	DF	47363A	E-347	
01989					DF	47703A	E-347	
01990					DF	2CLB	E-347	
01991			2CBF1124V	MV107 CONTROL CIRCUIT	F	27363B	E-335	
01992					F	27363A	E-335	
01993					F	2CEC	E-335	
01994					A	2CEC	E-335	
01995					A	2CEB	E-335	
01996					A	2CEA	E-349-2, 347	
01997					DD	2CEA	E-356-7	
01998					DD	2CLA	E-356-7	
01999					DF	2CLA	E-347	
02000					DF	47705A	E-347	
02001					DF	2CLB	E-347	
02002			2CBF1124X	MV107 CONTROL CIRCUIT	G	27701B	E-418	
02003					G	JB2729	E-335, 418	
02004					G	27701A	E-335	
02005					G	2CEV	E-335	
02006					G	27168A	E-335	
02008					A	27168A	E-335	
02009					A	2CEH	E-335	
02010					A	27168A	E-335, 415	
02011					A	2CEH	E-335, 415	
02012					A	2CED	E-349-2, 347	
02013					DD	2CED	E-356-7	
02014					DD	2CKN	E-356-7	
02015					DF	2CKN	E-347	
02016					DF	47703A	E-347	
02017					DF	2CLB	E-347	
02018			2PBF1124A	MV107 POWER CIRCUIT	EE	67065B	E-414	
02019					DH	67065B	E-416	
02020					DH	JB6720	E-416	
02021					DH	47063C	E-416	
02022					DH	47063B*	E-344, 416	
02022A					EE	47063B*	E-344,347,358	
02022B					II	47063B*	E-344,347,358	
02022C					DF	47063B*	E-344,347,358	
02023					DF	47063A	E-347	
02024			BF1124	MV107 CIRCUIT BREAKER (CH. 2)	DF		E-347	
02041			C5709	MV107 CONTROL ROOM PANEL (CH 2)	FF		E-353	
02025			C5792	MV107 CONTROL ROOM PANEL (CH. 2)	FF		E-353	
02026			CDF-11A-2	MV107 DISCONNECT SWITCH (CH. 2)	DF		E-347	
02027			CDF-11D	MV107 DISCONNECT SWITCH (CH. 2)	G		E-335	
02028			EV107	MV107 TERMINAL BOX (CH. 2)	EE		E-414	
02029			EV107A	MV107 TERMINAL BOX (CH. 2)	EE		E-417	
02030			FPS107A	MV107 PRESSURE SWITCH (CH. 2)	F		E-335	
02031			FPS107B	MV107 PRESSURE SWITCH (CH. 2)	F		E-335	
02032			FPS107C	MV107 PRESSURE SWITCH (CH. 2)	F		E-335	
02033			FPS107D	MV107 PRESSURE SWITCH (CH. 2)	F		E-335	
02034			FPSL4931A	MV107 PRESSURE SWITCH (CH. 2)	F		E-335	
02040			JT5722	MV107 TERMINATION BOX (CH 2)	DD		E-356	
02044			MV0106A	AFP SG STEAM SUPPLY VALVE (INTLK)	EE		E-414	
02043			MV0107A	AFP SG STEAM SUPPLY VALVE (INTLK)	EE		E-417	
02035			MV107	AFPT 2 MN STM INLET ISO VLV (CH. 2)	EE		E-414	
02036			NCDF-11A	MV107 LOCAL CONTROLLER (CH. 2)	DF		E-347	
02100		MS107A	2CBF1188B	MV107A CONTROL CIRCUIT	EE	48039A	E-417	
02101					V	48039A	E-348	
02102			2CBF1188C	MV107A CONTROL CIRCUIT	EE	58000A	E-417	
02104			2CBF1188F	MV107A CONTROL CIRCUIT	V	48054A	E-348	
02105			2CBF1188G	MV107A CONTROL CIRCUIT	V	48043A	E-348	
02106					DD	48043A	E-348	
02107					DD	2CKL	E-348	
02108					DD	2CPN	E-356	
02109					DD	JB5776	E-356	
02110			2CBF1188H	MV107A CONTROL CIRCUIT	FF	2CP92D	E-353	

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APPENDIX B-1

CIRCUIT/SUB-COMPONENT LOCATION SUMMARY BY SYSTEM

ID No.	SYSTEM	COMPONENT	CIRCUIT/ SUB-COMP	DESCRIPTION	FIRE AREA	RACEWAY	RACEWAY DRAWING	CHANGE NO/TYP
02111	AFWS	MS107A	2CBF1188H	MV107A CONTROL CIRCUIT	FF	2CP92A	E-353	
02112					DD	2CP92A	E-423	
02113					DD	2CEV	E-356-7	
02114					DD	2CPN	E-356-7	
02115					DD	2CKL	E-356-1	
02116					DD	48050A	E-356-1	
02117					V	48050A	E-356-1	
02118			2CBF1188J	MV107A CONTROL CIRCUIT	FF	2CP92D	E-353	
02119					FF	2CP92A	E-353	
02120					DD	2CP92A	E-423	
02121					DD	2CEV	E-356-7	
02122					DD	2CPN	E-356-7	
02123					DD	2CKL	E-356-1	
02124					DD	48050A	E-356-1	
02125					V	48050A	E-356-1	
02126			2CBF1188K	MV107A CONTROL CIRCUIT	F	27363C	E-335	
02127					F	27363A	E-335	
02128					F	2CEC	E-335	
02129					A	2CEC	E-335	
02130					A	2CEB	E-335	
02131					A	2CEA	E-349-2, 347	
02132					DD	2CEA	E-356-7	
02133					DD	2CLA	E-356-7	
02134					DF	2CLA	E-347	
02135					DF	47705A	E-347	
02136					DF	2CLB	E-347	
02137			2CBF1188L	MV107A CONTROL CIRCUIT	DF	47353A	E-347	
02138					DF	2CKL	E-347	
02139					DD	2CKL	E-356-1	
02140					DD	48050A	E-356-1	
02141					V	48050A	E-356-1	
02142			2CBF1188M	MV107A CONTROL CIRCUIT	DD	JB5776	E-356	
02143					DD	2CPN	E-356	
02144					FF	UNSCHED	E-353	
02145			2PBF1188A	MV107A POWER CIRCUIT	EE	48044C	E-417	
02146					EE	48044A	E-417	
02147					V	48044A	E-348	
02148			BF1188	MV107A CIRCUIT BREAKER (CH. 2)	V		E-348	
02157			C5709	MV107A CONTROL ROOM PANEL (CH 2)	FF		E-353	
02149			C5792	MV107A CONTROL ROOM PANEL (CH. 2)	FF		E-353	
02150			CDF-11A-2	MV107A DISCONNECT SWITCH (CH. 2)	DF		E-347	
02151			CDF-11B	MV107A DISCONNECT SWITCH (CH. 2)	V		E-348	
02152			EV107A	MV107A TERMINAL BOX (CH. 2)	EE		E-417	
02153			FPSL4931B	MV107A PRESSURE SWITCH (CH. 2)	F		E-335	
02156			JT5722	MV107A TERMINATION BOX (CH 2)	DD		E-356	
02154			MV107A	AFP SG STM SUPPLY VLV (CH. 2)	EE		E-417	
02200		MS5889A	1CV5889AA	SV5889A CIRTROL CIRCUIT	E	27189A	E-335	
02201					E	JB27A1	E-335	
02202					E	FLEX	E-335	
02203			1CV5889AB	SV5889A CONTROL CIRCUIT	FF	5706A4	E-353	
02204					DD	5706A4	E-356-1	
02205					DD	1CPM	E-356-1	
02206					DD	1CPR	E-356-1	
02207					DD	1CPL	E-356-1	
02208					DD	27115C	E-356-1	
02209					DD	27115B*	E-339,344,356	
02209A					II	27115B*	E-339, 344, 356	
02209B					CC	27115B*	E-339, 344, 356	
02210					II	27115A*	E-333, 339	
02210A					UU	27115A*	E-333, 339	
02210B					A	27115A*	E-333, 339	
02211					A	27115	E-335	
02212					A	1CEC	E-335	
02213					E	1CEC	E-335	
02214					E	27189B	E-335	
02215			1CV5889AC	SV5889A CONTROL CIRCUIT	FF	UNSCHED	E-353	
02216					DD	1CPL	E-356-1	
02217					DD	27115C	E-356-1	
02218					DD	27115B*	E-339,344,356	
02218A					II	27115B*	E-339, 344, 356	
02218B					CC	27115B*	E-339, 344, 356	
02219					II	27115A*	E-333, 339	
02219A					UU	27115A*	E-333, 339	
02219B					A	27115A*	E-333, 339	
02220					A	27115	E-335	
02221					A	1CEC	E-335	
02222					E	1CEC	E-335	
02223					E	27189B	E-335	

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APPENDIX B-1

CIRCUIT/SUB-COMPONENT LOCATION SUMMARY BY SYSTEM

ID No.	SYSTEM	COMPONENT	CIRCUIT/ SUB-COMP	DESCRIPTION	FIRE AREA	RACEWAY	RACEWAY DRAWING	CHANGE NO/TYP
02224	AFWS	MS5889A	1CV5889AD	SV5889A CONTROL CIRCUIT	E	27189A	E-335	
02225					E	JB27A1	E-335	
02226					E	FLEX	E-335	
02227			1CV5889AF	SV5889A CONTROL CIRCUIT	E	Nipple	E-335	
02228			1CV5889AG	SV5889A CONTROL CIRCUIT	E	27189B	E-335	
02229					E	1CEC	E-335	
02230					A	1CEC	E-335	
02231					A	27115	E-335	
02232					A	27115A*	E-333, 339	
02232A					UU	27115A*	E-333, 339	
02232B					II	27115A*	E-333, 339	
02233					CC	27115B*	E-339,344,356	
02233A					II	27115B*	E-339, 344, 356	
02233B					DD	27115B*	E-339, 344, 356	
02234					DD	27115C	E-356	
02235					DD	1CPL	E-356	
02236					DD	1CP62A	E-356-1	
02237					FF	1CP62A	E-353	
02238					FF	1CPA	E-353	
02239			1CV5889AH	SV5889A CONTROL CIRCUIT	E	27189B	E-335	
02240					E	1CEC	E-335	
02241					A	1CEC	E-335	
02242					A	27115	E-335	
02243					A	27115A*	E-333, 339	
02243A					II	27115A*	E-333, 339	
02243B					UU	27115A*	E-333, 339	
02244					CC	27115B*	E-339, 344, 356	
02244A					II	27115B*	E-339, 344, 356	
02244B					DD	27115B*	E-339, 344, 356	
02245					DD	27115C	E-356	
02246					DD	1CPL	E-356	
02247					DD	1CP62A	E-356-10	
02248					FF	1CP62A	E-356-10	
02249					FF	1CPA62	E-353	
02250			1CV5889AJ	SV5889A CONTROL CIRCUIT	E	NIPPLE	E-335	
02251			C5709	SV5889A CTRL ROOM PANEL	FF		E-353	
02252			C5762A	SV5889A CTRL ROOM PANEL	FF		E-353	
02253			EV5889A	SV5889A TERMINAL BOX	E		E-335	
02254			NV5889A	SV5889A LOCAL CONTROLLER	E		E-335	
02255			SV5889A	AFWP 1 STEAM ADMISSION SOLENOID VALVE	E		E-335	
02300		MS5889B	2CV5889BA	SV5889B CONTROL CIRCUIT	F	27188A	E-335	
02301			2CV5889BB	SV5889B CONTROL CIRCUIT	FF	5706B3	E-353	
02302					DD	5706B3	E-356-1	
02303					DD	2CPN	E-356-1	
02304					A	2CED	E-335	
02305					A	2CEE	E-335	
02306					F	2CEE	E-335	
02307					F	27188B	E-335	
02307A					A	27188B	E-335	
02308			2CV5889BC	SV5889B CONTROL CIRCUIT	DD	2CP92B	E-356-7	
02309					DD	2CEV	E-356-7	
02310					DD	2CPN	E-356	
02311					DD	2CED	E-356	
02312					A	2CED	E-335	
02313					A	2CEE	E-335	
02314					F	2CEE	E-335	
02315					F	27188B	E-335	
02315A					A	27188B	E-335	
02316			2CV5889BD	SV5889B CONTROL CIRCUIT	F	27188A	E-335	
02323			2CV5889BF	SV5889B CONTROL CIRCUIT	F	Nipple	E-335	
02324			2CV5889BG	SV5889B CONTROL CIRCUIT	F	27188B	E-335	
02324A					A	27188B	E-335	
02325					F	2CEE	E-335	
02326					A	2CEE	E-335	
02327					A	2CED	E-335	
02328					DD	2CED	E-356-7	
02329					DD	2CPN	E-356	
02330					DD	2CEV	E-356-7	
02331					DD	2CP92B	E-356-7	
02332			2CV5889BH	SV5889B CONTROL CIRCUIT	F	27188B	E-335	
02332A					A	27188B	E-335	
02333					F	2CEE	E-335	
02334					A	2CEE	E-335	
02335					A	2CED	E-335	
02336					DD	2CED	E-356-7	
02337					DD	2CPN	E-356	
02338					DD	2CP92B	E-356-7	
02339					DD	2CEV	E-356-7	

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APPENDIX B-1

CIRCUIT/SUB-COMPONENT LOCATION SUMMARY BY SYSTEM

ID No.	SYSTEM	COMPONENT	CIRCUIT/ SUB-COMP	DESCRIPTION	FIRE AREA	RACEWAY	RACEWAY DRAWING	CHANGE NO/TYP
02340	AFWS	MS5889B	2CV5889BJ	SV5889B CONTROL CIRCUIT	F	NIPPLE	E-335	
02341			C5709	SV5889B CTRL ROOM PANEL	FF		E-353	
02342			C5792	SV5889B CTRL ROOM PANEL	FF		E-353	
02343			EV5889B	SV5889B TERMINAL BOX	F		E-335	
02344			NV5889B	SV5889B LOCAL CONTROLLER	F		E-335	
02345			SV5889B	AFWP 2 STEAM ADMISSION SOLENOID VALVE	F		E-335	
02350		P14-1	N/A	TD AUX FW PUMP 1	E	MAN		
02355		P14-2	N/A	TD AUX FW PUMP 2	F	MAN		
02451		P241	AD210	MP2410 SWGR D2 CIRCUIT BREAKER	Q		E-338	
02400			BCAD210D	MP2410 CONTROL CIRCUIT	DD	BCPC	E-356-4	
02401					FF	BCP11C	E-356-8	
02402					DD	BCP11C	E-356-8	
02403					DD	BCPD	E-356-4	
02404					DD	BCGL	E-356-4	
02405					A	BCGL	E-356-4	
02406					A	BCGK	E-349-2, 356-4	
02407					A	BCGK	E-349-2	
02408					P	BCGK	E-338	
02409					Q	BCGK	E-338, 351-2	
02410					Q	36739A	E-338, 351-2	
02411			BCAD210E	MP2410 CONTROL CIRCUIT	FF	BCP11C	E-356-8	
02412					DD	BCP11C	E-356-8	
02413					DD	BCPC	E-356-4	
02414					DD	BCPD	E-356-4	
02415					DD	BCGL	E-356-4	
02416					A	BCGL	E-356-4	
02417					A	BCGK	E-349-2, 356-4	
02418					A	BCGK	E-349-2	
02419					P	BCGK	E-338	
02420					Q	BCGK	E-338, 351-2	
02421					Q	36739A	E-338, 351-2	
02422			BCAD210F	MP2410 CONTROL CIRCUIT	Q	36739A	E-338, 351-2	
02423					Q	BCGK	E-338, E-351-2	
02424					Q	36126D	E-338, E-351-2	
02425					S	36126D	E-338, 351-2	
02426					II	BCVL	E-313, E-338	
02427					II	BCVB	E-313, E-314	
02428					II	BCVK	E-314, E-349-1	
02429					II	24118A	E-308, E-349-1	
02430					II	24118B	E-308	
02431					II	JB2419	E-308	
02432					II	24118C	E-308	
02433			BCAD210G	MP2410 CONTROL CIRCUIT	II	24200A	E-308	
02434					II	JB2418	E-308	
02435					II	24101A	E-308	
02436					II	24101B	E-308	
02437			BPAD210H	MP2410 CONTROL CIRCUIT	Q	36125A	E-337	
02438					DUCT	36125A*	E-337, 342	
02439					F	36125B	E-335	
02440					F	36125C	E-335	
02441					II	36125C	E-349-1,314,308	
02442			C2405	MP2410 CONTROL CABINET	II		E-308	
02443			C5712	MP2410 CONTROL ROOM PANEL	FF		E-353	
02448			FPSHL5882	MP2410 PRESSURE SWITCH	II		E-308	
02449			MP2410	MOTOR DRIVEN FEED PUMP	II		E-308	
02450			R2408	MP2410 CONTROL CAB.	II		E-308	
02515		P242-1	AD210	MP2421 SWGR D2 CIRCUIT BREAKER (CH B)	Q		E-338	
02500			BCBF7114B	MP2421 CONTROL CIRCUIT	Q	36437A	E-351	
02501					Q	BCGL	E-338	
02502					Q	BCGD	E-338	
02503					Q	BCGN	E-338	
02504					P	BCGN	E-338	
02505					II	BCVL	E-338	
02506					II	BCVB	E-313, E-314	
02507					II	34137A	E-314	
02508			BCBF7114C	MP2421 CONTROL CIRCUIT	II	34137A	E-314	
02509					II	BCVB	E-314	
02510					II	34302A	E-308	
02511					II	JB2418	E-308	
02512					II	24101A	E-308	
02513					II	24101B	E-308	
02516			BF7114	MP2421 CIRCUIT BREAKER (CH B)	II		E-314	
02514			BPBF7114A	MP2421 POWER CIRCUIT	II	34303A	E-308, E-314	
02517			C2405	MP2421 CONTROL PANEL (CH B)	II		E-308	
02519			FPSHL5883	MP2421 PRESSURE SWITCH	II		E-308	

RACEWAY LEGEND (A) = 3-HR FIRE WRAP (B) = 1-HR FIRE WRAP (C) = RADIANT ENERGY SHIELD * = EMBEDDED CONDUIT

APPENDIX B-1

CIRCUIT/SUB-COMPONENT LOCATION SUMMARY BY SYSTEM

ID No.	SYSTEM	COMPONENT	CIRCUIT/ SUB-COMP	DESCRIPTION	FIRE AREA	RACEWAY	RACEWAY DRAWING	CHANGE NO/TYP
02518	AFWS	P242-1	MP2421	MDFP AUX LUBE OIL PUMP	II		E-308	
02530		P242-2	N/A	MDFP SHAFT DRIVEN LO PUMP	II	MAN		
02535		T31-1	N/A	COND STD TANK 1-1	II	MAN		
02540		T31-2	N/A	COND STD TANK 1-2	II	MAN		
17400	CACS	C1-1	1CBE1401G	MC0011 CONTROL CIRCUIT	FF	1CP63C	E-424	
17401					DD	1CP63C	E-424	
17402					DD	46055A	E-356-1, 356-6	
17403					DD	1CPL	E-356-1, 356-6	
17404					DD	46055B*	E-343, 344,355	
17404A					A	46055B*	E-343,344,355	
17404B					DF	46055B*	E-343,344,355	
17404C					X	46055B*	E-343,344,355	
17404D					Y	46055B*	E-343,344,355	
17405					Y	1CKD	E-346	
17406					Y	46548A	E-346	
17407					Y	1CKA	E-346	
17408			1CBE1401H	MC0011 CONTROL CIRCUIT	Y	46261A	E-346	
17409					Y	46548A	E-346	
17410					Y	1CKA	E-346	
17411			1CBE1401I	MC0011 CONTROL CIRCUIT	Y	46261A	E-346	
17412					Y	46548A	E-346	
17413					Y	1CKA	E-346	
17414			1CBE1401J	MC0011 CONTROL CIRCUIT	FF	1CP16A	E-356-8	
17415					DD	1CP16A	E-356-8	
17416					DD	46056A	E-356-1, 356-6	
17417					DD	1CPM	E-356-1, 356-6	
17418					DD	46056B*	E-343,344,355	
17418A					A	46056B*	E-343,344,355	
17418B					DF	46056B*	E-343,344,355	
17418C					X	46056B*	E-343,344,355	
17418D					Y	46056B*	E-343,344,355	
17419					Y	46260A	E-346	
17420					Y	1CKA	E-346	
17421			1CBE1401K	MC0011 CONTROL CIRCUIT	FF	1CP16A	E-356-8	
17422					DD	1CP16A	E-356-8	
17423					DD	46056A	E-356-1, 6	
17424					DD	1CPM	E-356-1, 6	
17425					DD	46056B*	E-343,344,355	
17425A					A	46056B*	E-343,344,355	
17425B					DF	46056B*	E-343,344,355	
17425C					X	46056B*	E-343,344,355	
17425D					Y	46056B*	E-343,344,355	
17426					Y	46260A	E-346	
17427					Y	1CKA	E-346	
17428			1CBE1401L	MC0011 CONTROL CIRCUIT	Y	46629A	E-346	
17429					Y	1CKD	E-346	
17430					Y	46548A	E-346	
17431					Y	1CKA	E-346	
17431A			1CBE1401M	MC0011 CONTROL CIRCUIT	Y	46261A	E-346	
17431B					Y	46548A	E-346	
17431C					Y	1CKA	E-346	
17432			1PBE1401A	MC0011 POWER CIRCUIT	A	46098A (B)	E-338	
17433					A	1PGS(B)	E-338	
17434					A	46098A*	E-343	
17434A					DF	46098A*	E-343	
17434B					P	46098A*	E-343	
17434C					R	46098A*	E-343	
17434D					Q	46098A*	E-343	
17434E					X	46098A*	E-343	
17434F					S	46098A*	E-343	
17434G					Y	46098A*	E-343	
17435					Y	46098A	E-343	
17436			1PBE1401B	MC0011 POWER CIRCUIT	A	46097A (B)	E-349-2	
17437					A	1PGS(B)	E-349-2	
17438					A	46097A*	E-343	
17438A					DF	46097A*	E-343	
17438B					P	46097A*	E-343	
17438C					R	46097A*	E-343	
17438D					Q	46097A*	E-343	
17438E					X	46097A*	E-343	
17438F					S	46097A*	E-343	
17438G					Y	46097A*	E-343	
17439					Y	46097A	E-343	
17440			1PBE1401C	MC0011 POWER CIRCUIT	D	39029C (C)	E-365, 369	
17441					D	39029B*	E-365, 362	

RACEWAY LEGEND (A) = 3-HR FIRE WRAP (B) = 1-HR FIRE WRAP (C) = RADIANT ENERGY SHIELD * = EMBEDDED CONDUIT

APPENDIX B-1

CIRCUIT/SUB-COMPONENT LOCATION SUMMARY BY SYSTEM

ID No.	SYSTEM	COMPONENT	CIRCUIT/ SUB-COMP	DESCRIPTION	FIRE AREA	RACEWAY	RACEWAY DRAWING	CHANGE NO/TYP
17442	CACS	C1-1	1PBE1401C	MC0011 POWER CIRCUIT	D	39029A (C)	E-362	
17443					A	EXPOSED(A)	E-378B-3	
17444			1PBE1401D	MC0011 POWER CIRCUIT	D	39028C (C)	E-365, 369	
17445					D	39028B*	E-365, 362	
17446					D	39028A (C)	E-362	
17447					A	EXPOSED(A)	E-378B-3	
17448			BE1401	MC0011 CIRCUIT BREAKER (CH. 1)	Y		E-346	
17449			C5716	MC0011 CONTROL ROOM PANEL (CH. 1)	FF		E-353	
17450			C5763C	MC0011 CONTROL ROOM PANEL (CH. 1)	FF		E-353	
17451			CDE-12A-1	MC0011 DISCONNECT SWITCH (CH. 1)	Y		E-346	
17452			MC0011	CONTAINMENT COOLER FAN 1 MOTOR (CH. 1)	D		E-369	
17453			P1P3BI	MC0011 PENETRATION TERMINAL BOX (CH. 1)	D	(C)	E-362	
17454			P1P3BX	MC0011 PENETRATION TERMINAL BOX (CH. 1)	A	(B)	E-349-2	
17500		C1-2	2CBF1401G	MC0012 CONTROL CIRCUIT	FF	2CP56C	E-424	
17501					DD	2CP56C	E-424	
17502					DD	2CPN	E-356-7	
17503					DD	2CKM	E-356-1, 356-7	
17504					DF	2CKM	E-347	
17505					X	2CKM	E-346	
17506					X	46742A	E-346	
17507			2CBF1401H	MC0012 CONTROL CIRCUIT	X	46363A	E-346	
17508					X	46742A	E-346	
17509					X	2CKM	E-346	
17510			2CBF1401I	MC0012 CONTROL CIRCUIT	X	46363A	E-346	
17511					X	46742A	E-346	
17512					X	2CKM	E-346	
17513			2CBF1401J	MC0012 CONTROL CIRCUIT	FF	2CP16C	E-356-8	
17514					DD	2CP16C	E-356-8	
17515					DD	2CPN	E-356-7	
17516					DD	2CKM	E-356-1, 356-7	
17517					DF	2CKM	E-347	
17518					X	2CKM	E-346	
17519					X	46360A	E-346	
17520			2CBF1401K	MC0012 CONTROL CIRCUIT	FF	2CP16C	E-356-8	
17521					DD	2CP16C	E-356-8	
17522					DD	2CPN	E-356-7	
17523					DD	2CKM	E-356-1, 356-7	
17524					DF	2CKM	E-347	
17525					X	2CKM	E-346	
17526					X	46360A	E-346	
17527			2CBF1401L	MC0012 CONTROL CIRCUIT	X	46715A	E-346	
17528					X	46892A	E-346	
17529					X	2CKL	E-346	
17530					X	46742A	E-346	
17531					X	2CKM	E-346	
17532			2PBF1401A	MC0012 POWER CIRCUIT	DF	46737B	E-343, 346	
17533					DF	JB4625	E-346	
17534					DF	46737A	E-346	
17535					X	46737A	E-346	
17536			2PBF1401B	MC0012 POWER CIRCUIT	DF	46736B	E-343, 346	
17537					DF	JB4625	E-346	
17538					DF	46736A	E-346	
17539					X	46736A	E-346	
17540			2PBF1401C	MC0011 POWER CIRCUIT	D	Flex	E-373	
17542					D	39023C	E-373	
17543					D	39023B*	E-365	
17544					D	39023A	E-362	
17545					A	EXPOSED	E-378B-3	
17546			2PBF1401D	MC0011 POWER CIRCUIT	D	Flex	E-373	
17548					D	39022C	E-373	
17549					D	39022B*	E-365	
17550					D	39022A	E-362	
17551					A	EXPOSED	E-378B-3	
17552			BF1401	MC0012 CIRCUIT BREAKER (CH. 2)	X		E-346	
17553			C5716	MC0012 CONTROL ROOM PANEL (CH. 2)	FF		E-353	
17554			C5756C	MC0012 CONTROL ROOM PANEL (CH. 2)	FF		E-353	
17555			CDF-12A-1	MC0012 DISCONNECT SWITCH (CH. 2)	X		E-346	
17556			MC0012	CONTAINMENT COOLER FAN 2 MOTOR (CH. 2)	D		E-369, 373	
17557			P2P5FI	MC0012 PENETRATION TERMINAL BOX (CH. 2)	D		E-362	
17558			P2P5FX	MC0012 PENETRATION TERMINAL BOX (CH. 2)	DF		E-346	
17600		C1-3	1CBE1501C	MC0013 CONTROL CIRCUIT	Y	46261A	E-346	
17601					Y	46547A	E-346	
17602					Y	1CKA	E-346	
17603			1CBE1501D	MC0013 CONTROL CIRCUIT	Y	46261A	E-346	
17604					Y	46547A	E-346	
17605					Y	1CKA	E-346	
17606			1CBE1501F	MC0013 CONTROL CIRCUIT	FF	1CP16A	E-356-8	

RACEWAY LEGEND (A) = 3-HR FIRE WRAP (B) = 1-HR FIRE WRAP (C) = RADIANT ENERGY SHIELD * = EMBEDDED CONDUIT

APPENDIX B-1

CIRCUIT/SUB-COMPONENT LOCATION SUMMARY BY SYSTEM

ID No.	SYSTEM	COMPONENT	CIRCUIT/ SUB-COMP	DESCRIPTION	FIRE AREA	RACEWAY	RACEWAY DRAWING	CHANGE NO/TYP
17607	CACS	C1-3	1CBE1501F	MC0013 CONTROL CIRCUIT	DD	1CP16A	E-356-8	
17608					DD	46056A	E-356-1, 6	
17609					DD	1CPM	E-356-1, 6	
17610					DD	46056B*	E-343,344,355	
17610A					A	46056B*	E-343,344,355	
17610B					DF	46056B*	E-343,344,355	
17610C					X	46056B*	E-343,344,355	
17610D					Y	46056B*	E-343,344,355	
17611					Y	46260A	E-346	
17612					Y	1CKA	E-346	
17613			1CBE1501G	MC0013 CONTROL CIRCUIT	FF	1CP16A	E-356-8	
17614					DD	1CP16A	E-356-8	
17615					DD	46056A	E-356-1, 6	
17616					DD	1CPM	E-356-1, 6	
17617					DD	46056B*	E-343,344,356-1	
17617A					A	46056B*	E-343,344,356-1	
17617B					DF	46056B*	E-343,344,355	
17617C					X	46056B*	E-343,344,355	
17617D					Y	46056B*	E-343,344,355	
17618					Y	46260A	E-346	
17619					Y	1CKA	E-346	
17620			1CBE1501H	MC0013 CONTROL CIRCUIT	FF	1CP63C	E-424	
17621					DD	1CP63C	E-424	
17622					DD	46055A	E-356-1, 6	
17623					DD	1CPL	E-356-1, 6	
17624					DD	46055B*	E-343,344,355	
17624A					A	46055B*	E-343,344,355	
17624B					DF	46055B*	E-343,344,355	
17624C					X	46055B*	E-343,344,355	
17624D					Y	46055B*	E-343,344,355	
17625					Y	1CKD	E-346	
17626					Y	46547A	E-346	
17627					Y	1CKA	E-346	
17628			1PBE1501A	MC0013 POWER CIRCUIT	Y	46077A	E-343	
17629					Y	46077A*	E-343	
17629A					S	46077A*	E-343	
17629B					Y	46077A*	E-343	
17630					Y	E1	E-343	
17631					Y	46520A	E-346	
17632			1PBE1501B	MC0013 POWER CIRCUIT	Y	46076A	E-343	
17633					Y	46076A*	E-343	
17633A					S	46076A*	E-343	
17633B					Y	46076A*	E-343	
17634					Y	E1	E-343	
17635					Y	46519A	E-343	
17636			2CBF1501C	MC0013 CONTROL CIRCUIT	X	46363A	E-346	
17637					X	46743A	E-346	
17638					X	2CKM	E-346	
17639			2CBF1501D	MC0013 CONTROL CIRCUIT	X	46363A	E-346	
17640					X	46743A	E-346	
17641					X	2CKM	E-346	
17642			2CBF1501F	MC0013 CONTROL CIRCUIT	FF	2CP16C	E-356-8	
17643					DD	2CP16C	E-356-8	
17644					DD	2CPN	E-356-7	
17645					DD	2CKM	E-356-1, 7	
17646					DF	2CKM	E-347	
17647					X	2CKM	E-346	
17648					X	46360A	E-346	
17649			2CBF1501G	MC0013 CONTROL CIRCUIT	FF	2CP16C	E-356-8	
17650					DD	2CP16C	E-356-8	
17651					DD	2CPN	E-356-7	
17652					DD	2CKM	E-356-1, 7	
17653					DF	2CKM	E-347	
17654					X	2CKM	E-346	
17655					X	46360A	E-346	
17656			2CBF1501H	MC0013 CONTROL CIRCUIT	FF	2CP56C	E-424	
17657					DD	2CP56C	E-424	
17658					DD	2CPN	E-356-7	
17659					DD	2CKM	E-356-1, 7	
17660					DF	2CKM	E-347	
17661					X	2CKM	E-346	
17662					X	46743A	E-346	
17663			2PBF1501A	MC0013 POWER CIRCUIT	Y	46078A	E-343	
17664					Y	46078A*	E-343	
17664A					S	46078A*	E-343	
17664B					Y	46078A*	E-343	
17664C					Y	46078A*	E-343	
17664D					Q	46078A*	E-343	
17664E					X	46078A*	E-343	

RACEWAY LEGEND (A) = 3-HR FIRE WRAP (B) = 1-HR FIRE WRAP (C) = RADIANT ENERGY SHIELD * = EMBEDDED CONDUIT

APPENDIX B-1

CIRCUIT/SUB-COMPONENT LOCATION SUMMARY BY SYSTEM

ID No.	SYSTEM	COMPONENT	CIRCUIT/ SUB-COMP	DESCRIPTION	FIRE AREA	RACEWAY	RACEWAY DRAWING	CHANGE NO/TYP
17665	CACS	C1-3	2PBF1501A	MC0013 POWER CIRCUIT	X	F1	E-343	
17666					X	46745A	E-346	
17667			2PBF1501B	MC0013 POWER CIRCUIT	Y	46079A	E-343	
17668					Y	46079A*	E-343	
17668A					S	46079A*	E-343	
17668B					Y	46079A*	E-343	
17668C					Y	46079A*	E-343	
17668D					Q	46079A*	E-343	
17668E					X	46079A*	E-343	
17669					X	F1	E-343	
17670					X	46744A	E-343	
17671			3PBEF15A	MC0013 POWER CIRCUIT	Y	46071A	E-346	
17672					DF	46071C	E-346	
17673					DF	JB4670	E-346	
17674					DF	46071B	E-346	
17675					DF	46071A*	E-343, 344	
17675A					A	46071A*	E-343, 344	
17675B					P	46071A*	E-343, 344	
17675C					R	46071A*	E-343, 344	
17675D					Q	46071A*	E-343, 344	
17675E					X	46071A*	E-343, 344	
17675F					Y	46071A*	E-343, 344	
17675G					S	46071A*	E-343, 344	
17675H					Y	46071A*	E-343, 344	
17676			3PBEF15B	MC0013 POWER CIRCUIT	Y	46069A	E-346	
17677					DF	46069C	E-346	
17678					DF	JB4670	E-346	
17679					DF	46069B	E-346	
17680					Y	46069A*	E-343	
17680A					S	46069A*	E-343	
17680B					Y	46069A*	E-343	
17680C					X	46069A*	E-343	
17680D					Q	46069A*	E-343	
17680E					R	46069A*	E-343	
17680F					P	46069A*	E-343	
17680G					A	46069A*	E-343	
17680H					DF	46069A*	E-343	
17681			3PBEF15C	MC0013 POWER CIRCUIT	D	39020C	E-373, 365	
17682					D	39020B*	E-365	
17683					D	39020A	E-362	
17684					A	Exposed	E-378B-3	
17685			3PBEF15D	MC0013 POWER CIRCUIT	D	39019C	E-373, 365	
17686					D	39019B*	E-365	
17687					D	39019A	E-362	
17688					A	Exposed	E-378B-3	
17689			BEF153	MC0013 CIRCUIT BREAKER (CH. 1/2)	Y		E-346	
17690			C5716	MC0013 CONTROL ROOM PANEL (CH. 1/2)	FF		E-353	
17691			C5756C	MC0013 CONTROL ROOM PANEL (CH. 2)	FF		E-353	
17692			C5763C	MC0013 CONTROL ROOM PANEL (CH. 1)	FF		E-353	
17693			CDE-12A-1	MC0013 DISCONNECT SWITCH (CH. 1)	Y		E-346	
17694			CDF-12A-1	MC0013 DISCONNECT SWITCH (CH. 2)	X		E-346	
17695			MC0013	CONTAINMENT COOLER FAN 3 MOTOR (CH. 1/2)	D		E-373, 369	
17696			P3P4CI	MC0013 PENETRATION TERMINAL BOX (CH.1/2)	D		E-362	
17697			P3P4CX	MC0013 PENETRATION TERMINAL BOX (CH.1/2)	DF		E-346	
17698A		E37-1	N/A	CAC COIL 1	D	MAN		
17698B		E37-2	N/A	CAC COIL 2	D	MAN		
17698C		E37-3	N/A	CAC COIL 3	D	MAN		
17700	CCWS	CC1407A	1CBE1173C	MV1407A CONTROL CIRCUIT	V	1CJP	E-350	
17701					AB	1CJP	E-350	
17702					AB	38076A	E-350	
17703			1CBE1173D	MV1407A CONTROL CIRCUIT	D	39096A	E-369	
17704					D	39096B	E-369	
17705					AB	Exposed	E-363, 369	
17706			1CBE1173E	MV1407A CONTROL CIRCUIT	V	1CJP	E-350	
17707					V	1CJM	E-350	
17708					U	1CJM	E-349-3	
17709					DD	1CJM	E-356-6	
17710					DD	1CPL	E-356-6	
17711					DD	1CP62C	E-356-10	
17712					FF	1CP62C	E-356-10	
17713			1CBE1173F	MV1407A CONTROL CIRCUIT	V	1CJL	E-350	
17714					V	38375A	E-350	
17715					V	38561A	E-350	
17716			1CBE1173G	MV1407A CONTROL CIRCUIT	V	38559A	E-350	
17717					V	1CJL	E-350	

RACEWAY LEGEND (A) = 3-HR FIRE WRAP (B) = 1-HR FIRE WRAP (C) = RADIANT ENERGY SHIELD * = EMBEDDED CONDUIT

APPENDIX B-1

CIRCUIT/SUB-COMPONENT LOCATION SUMMARY BY SYSTEM

ID No.	SYSTEM	COMPONENT	CIRCUIT/ SUB-COMP	DESCRIPTION	FIRE AREA	RACEWAY	RACEWAY DRAWING	CHANGE NO/TYP
17718	CCWS	CC1407A	1CBE1173G	MV1407A CONTROL CIRCUIT	U	1CJL	E-349-3	
17719					DD	1CJL	E-356-6	
17720					DD	1CPL	E-356-6	
17721					DD	1CPT	E-356-6	
17722					DD	1CPM	E-356-6	
17723					DD	1CP17A	E-356-8	
17724					FF	1CP17A	E-356-8	
17725			1PBE1173A	MV1407A POWER CIRCUIT	V	38001A*	E-340	
17725A					G	38001A*	E-340	
17725B					AB	38001A*	E-340	
17725C					AB	38001A*	E-340	
17726					AB	JB3806	E-351	
17727					AB	1PJA	E-340	
17728			1PBE1173B	MV1407A POWER CIRCUIT	AB	Exposed	E-363, 369	
17729					D	1PBM	E-369	
17730					D	39098A	E-369	
17731			BE1173	MV1407A CIRCUIT BREAKER (CH. 1)	V		E-350	
17732			C5717	MV1407A CONTROL ROOM PANEL (CH. 1)	FF		E-353	
17733			C5762C	MV1407A CONTROL ROOM PANEL (CH. 1)	FF		E-353	
17734			C5763D	MV1407A CONTROL ROOM PANEL (CH. 1)	FF		E-353	
17735			CDE-11B-2	MV1407A DISCONNECT SWITCH (CH. 1)	V		E-350	
17736			MV1407A	CC OUTLET ISOLATION VALVE (CH. 1)	D		E-369	
17737			P1C2LI	MV1407A PENETRATION TERMINAL BOX (CH. 1)	D		E-363	
17738			P1C2LX	MV1407A PENETRATION TERMINAL BOX (CH. 1)	AB		E-350	
17739			P1P2MI	MV1407A PENETRATION TERMINAL BOX (CH. 1)	D		E-363	
17740			P1P2MX	MV1407A PENETRATION TERMINAL BOX (CH. 1)	AB		E-350	
17800		CC1407B	2CBF1158B	MV1407B CONTROL CIRCUIT	V	JB3800	E-350	
17801					V	48319A	E-350	
17802					A	48319A	E-349-2	
17803			2CBF1158C	MV1407B CONTROL CIRCUIT	A	37520A	E-349-2	
17804			2CBF1158D	MV1407B CONTROL CIRCUIT	A	Nipple	E-349-2	
17805			2CBF1158E	MV1407B CONTROL CIRCUIT	FF	2CP55C	E-424	
17806					DD	48052A	E-356-7	
17807					DD	2CKL	E-356-7	
17808					DD	2CPN	E-356-7	
17809					DD	2CP55C	E-424	
17810					V	48052A	E-356-1	
17811			2CBF1158F	MV1407B CONTROL CIRCUIT	V	48049A	E-348	
17812			2CBF1158G	MV1407B CONTROL CIRCUIT	V	48053A	E-356-1	
17813					DD	48053A	E-356-7, 356-1	
17814					DD	2CKL	E-356-7, 356-1	
17815					DD	2CPN	E-356-7	
17816					DD	2CP18A	E-356-8	
17817					FF	2CP18A	E-356-8	
17818			2PBF1158A	MV1407B POWER CIRCUIT	V	48025A	E-345, 344	
17819					A	48025B	E-349-2	
17820			BF1158	MV1407B CIRCUIT BREAKER (CH. 2)	V		E-348	
17821			C5717	MV1407B CONTROL ROOM PANEL (CH. 2)	FF		E-353	
17822			C5755C	MV1407B CONTROL ROOM PANEL (CH. 2)	FF		E-353	
17823			C5756D	MV1407B CONTROL ROOM PANEL (CH. 2)	FF		E-353	
17824			CDF-11B	MV1407B DISCONNECT SWITCH (CH. 2)	V		E-348	
17825			EV1407B	MV1407B TERMINAL BOX (CH. 2)	A		E-349-2	
17826			MV1407B	CC OUTLET ISOLATION VALVE (CH. 2)	A		E-349-2	
17827			NV1407B	MV1407B LOCAL CONTROLLER (CH. 2)	A		E-349-2	
17900		CC1409	2CBF1227C	CC1409 CONTROL CIRCUIT	X	46740A	E-346	
17901					X	2CKM	E-346	
17903					DF	2CKM	E-346	
17904					DF	47078A	E-347	
17905					DF	2CLA	E-347	
17906			2CBF1227D	CC1409 CONTROL CIRCUIT	D	49161A	E-362, 373	
17907					D	JB2920	E-373	
17908					D	29063A	E-373	
17909					D	JB2911	E-373	
17910					D	29093A	E-373	
17911					A	Exposed	E-378B-3	
17912			2CBF1227E	CC1409 CONTROL CIRCUIT	X	46739C	E-346	
17913					X	2CKM	E-346	
17914					X	46526A	E-346	
17915			2CBF1227F	CC1409 CONTROL CIRCUIT	X	46526B	E-346	
17916					X	2CKM	E-346	
17917					DF	2CKM	E-346, 347	
17918					DD	2CKM	E-356	
17919					DD	2CPN	E-356	
17920					DD	2CP02C	E-356-8	
17921					FF	2CP02C	E-356-8	
17922			2CBF1227H	CC1409 CONTROL CIRCUIT	X	46729A	E-346	
17923					X	2CKM	E-346	

RACEWAY LEGEND (A) = 3-HR FIRE WRAP (B) = 1-HR FIRE WRAP (C) = RADIANT ENERGY SHIELD * = EMBEDDED CONDUIT

APPENDIX B-1

CIRCUIT/SUB-COMPONENT LOCATION SUMMARY BY SYSTEM

ID No.	SYSTEM	COMPONENT	CIRCUIT/ SUB-COMP	DESCRIPTION	FIRE AREA	RACEWAY	RACEWAY DRAWING	CHANGE NO/TYP
17924	CCWS	CC1409	2CBF1227H	CC1409 CONTROL CIRCUIT	X	46892D	E-346	
17925					X	2CKL	E-346	
17926					X	46247B	E-346	
17927			2PBF1227A	CC1409 POWER CIRCUIT	X	46085A	E-346	
17928					DF	46085A	E-346	
17929			2PBF1227B	CC1409 POWER CIRCUIT	D	49076A	E-373	
17930					D	JB2916	E-373	
17931					D	NIPPLE	E-373	
17932					D	JB2907	E-373	
17933					D	29031A	E-373	
17934					A	Exposed	E-378B-3	
17935			BF1227	CC1409 CIRCUIT BREAKER (CH 2)	X		E-346	
17936			C5703	CC1409 CONTROL ROOM PANEL (CH 2)	FF		E-353	
17942			CDF12A-2	CC1409 DISCONNECT SWITCH (CH 2)	X		E-346	
17943			MV14090	RC LETDOWN CLR 1 CCW IN VALVE (CH 2)	D		E-373	
17938			P2C5GI	CC1409 PENETRATION TERMINAL BOX (CH 2)	D		E-362	
17937			P2C5GX	CC1409 PENETRATION TERMINAL BOX (CH 2)	DF		E-347	
17940			P2P5FI	CC1409 PENETRATION TERMINAL BOX (CH 2)	D		E-362	
17939			P2P5FX	CC1409 PENETRATION TERMINAL BOX (CH 2)	DF		E-347	
17941			RC4605	CC1409 RELAY CABINET (CH 2)	X		E-346	
18000		CC1410	2CBF1228C	CC1410 CONTROL CIRCUIT	X	46740A	E-346	
18001					X	2CKM	E-346	
18002					DF	2CKM	E-346	
18003					DF	47078A	E-347	
18004					DF	2CLA	E-347	
18005			2CBF1228D	CC1410 CONTROL CIRCUIT	D	49161A	E-362, 373	
18006					D	JB2920	E-373	
18007					D	29063A	E-373	
18008					D	JB2911	E-373	
18009					D	29094A	E-373	
18010					A	Exposed	E-378B	
18011			2CBF1228E	CC1410 CONTROL CIRCUIT	X	46739C	E-346	
18012					X	2CKM	E-346	
18013					X	46526B	E-346	
18014			2CBF1228F	CC1410 CONTROL CIRCUIT	X	46526C	E-346	
18015					X	2CKM	E-346	
18016					DF	2CKM	E-346, 347	
18017					DD	2CKM	E-356	
18018					DD	2CPN	E-356	
18019					DD	2CP02C	E-356	
18020					FF	2CP02C	E-356	
18021			2CBF1228H	CC1410 CONTROL CIRCUIT	X	46729A	E-346	
18022					X	2CKM	E-346	
18023					X	46892D	E-346	
18024					X	2CKL	E-346	
18025					X	46247B	E-346	
18026			2PBF1228A	CC1410 POWER CIRCUIT	X	46085A	E-346	
18027					DF	46085A	E-346	
18028			2PBF1228B	CC1410 POWER CIRCUIT	D	49076A	E-373	
18029					D	JB2916	E-373	
18030					D	NIPPLE	E-373	
18031					D	JB2907	E-373	
18032					D	29034A	E-363	
18033					A	Exposed	E-378B	
18034			BF1228	CC1410 CIRCUIT BREAKER (CH 2)	X		E-346	
18035			C5703	CC1410 CONTROL ROOM PANEL (CH 2)	FF		E-353	
18041			CDF12A-2	CC1410 DISCONNECT SWITCH (CH 2)	X		E-346	
18042			MV14100	RC LETDOWN CLR 2 CCW IN VLV (CH 2)	D		E-363	
18037			P2C5GI	CC1410 PENETRATION TERMINAL BOX (CH 2)	D		E-373	
18036			P2C5GX	CC1410 PENETRATION TERMINAL BOX (CH 2)	DF		E-347	
18039			P2P5FI	CC1410 PENETRATION TERMINAL BOX (CH 2)	D		E-373	
18038			P2P5FX	CC1410 PENETRATION TERMINAL BOX (CH 2)	DF		E-347	
18040			RC4605	CC1410 RELAY CABINET (CH 2)	X		E-346	
18100		CC1411A	1CBE1176C	MV1411A CONTROL CIRCUIT	V	1CJP	E-350	
18101					AB	1CJP	E-350, 351-5	
18102					AB	38076A	E-350, 351-5	
18103			1CBE1176D	MV1411A CONTROL CIRCUIT	AB	Exposed	E-378B-3	
18104					D	39096B	E-369	
18105					D	39097A	E-369	
18106			1CBE1176E	MV1411A CONTROL CIRCUIT	V	1CJP	E-350	
18107					V	1CJM	E-350	
18108					U	1CJM	E-349-3	
18109					DD	1CPL	E-356-6	
18110					DD	1CP62C	E-356-10	
18111					FF	1CP62C	E-356-10	
18112			1CBE1176F	MV1411A CONTROL CIRCUIT	V	1CJM	E-350	
18113					V	38379A	E-350	

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APPENDIX B-1

CIRCUIT/SUB-COMPONENT LOCATION SUMMARY BY SYSTEM

ID No.	SYSTEM	COMPONENT	CIRCUIT/ SUB-COMP	DESCRIPTION	FIRE AREA	RACEWAY	RACEWAY DRAWING	CHANGE NO/TYP
18114	CCWS	CC1411A	1CBE1176F	MV1411A CONTROL CIRCUIT	V	38563A	E-350	
18115			1CBE1176G	MV1411A CONTROL CIRCUIT	V	38562A	E-350	
18116					V	1CJL	E-350	
18117					U	1CJL	E-349-3	
18118					DD	1CPL	E-356-6	
18119					DD	1CPT	E-356-6	
18120					DD	1CPM	E-356-6	
18121					DD	1CP17A	E-356-8	
18122					FF	1CP17A	E-356-8	
18123			1CBE1176H	MV1411A CONTROL CIRCUIT	V	1CJL	E-350	
18124					V	38378A	E-350	
18125					V	37604A	E-350	
18126					A	37604A	E-349-2	
18127			1CLR3757A	MV1411A CONTROL CIRCUIT	EE	57070B	E-414	
18128					EE	57070C	E-414	
18129					EE	57070E	E-414	
18130					DD	57070E	E-356-6	
18131					DD	1CPL	E-356-6	
18132					DD	1CJL	E-356-6	
18133					CC	1CJL	E-347	
18134					U	1CJL	E-349-3	
18135					V	1CJL	E-349-3	
18136					V	37604A	E-349-3	
18137					A	37604A	E-349-2	
18138			1CLR3757B	MV1411A CONTROL CIRCUIT	EE	57070D	E-414	
18139					V	37604A	E-349-3	
18140					V	1CJL	E-349-3	
18141					EE	57070E	E-414	
18142					DD	1CJL	E-356-6	
18143					CC	1CJL	E-347	
18144					U	1CJL	E-349-3	
18145					DD	1CPL	E-356-6	
18146					DD	57070E	E-356-6	
18147					A	37604A	E-349-2	
18148			1PBE1176A	MV1411A POWER CIRCUIT	V	38002A	E-340	
18149					V	38002A*	E-340	
18149A					G	38002A*	E-340	
18149B					AB	38002A*	E-340	
18149C					AB	38002A*	E-340	
18150					AB	38002A	E-340, 350	
18151			1PBE1176B	MV1411A POWER CIRCUIT	AB	Exposed	E-378B-3	
18152					D	39099A	E-369	
18153					D	1PBM	E-369	
18154			BE1176	MV1411A CIRCUIT BREAKER (CH. 1)	V		E-350	
18155			C5717	MV1411A CONTROL ROOM PANEL (CH. 1)	FF		E-353	
18156			C5762C	MV1411A CONTROL ROOM PANEL (CH. 1)	FF		E-353	
18157			CDE-11B-1	MV1411A DISCONNECT SWITCH (CH. 1)	V		E-350	
18158			FLSLL3757B	MV1411A LEVEL SWITCH	EE		E-414	
18159			FLSLL3757C	MV1411A LEVEL SWITCH	EE		E-414	
18160			MV1411A	CC INLET ISOLATION VALVE (CH. 1)	D		E-369	
18161			P1C2LI	MV1411A PENETRATION TERMINAL BOX (CH. 1)	D		E-363	
18162			P1C2LX	MV1411A PENETRATION TERMINAL BOX (CH. 1)	AB		E-350	
18163			P1P2MI	MV1411A PENETRATION TERMINAL BOX (CH. 1)	D		E-363	
18164			P1P2MX	MV1411A PENETRATION TERMINAL BOX (CH. 1)	AB		E-350	
18165			RC3704	MV1411A RELAY CABINET (CH. 1)	A		E-349-2	
18200		CC1411B	2CBF1159B	MV1411B CONTROL CIRCUIT	V	JB3800	E-350	
18201					V	48315A	E-350	
18202					A	48315A	E-349-2	
18203			2CBF1159C	MV1411B CONTROL CIRCUIT	A	37517A	E-349-2	
18204			2CBF1159D	MV1411B CONTROL CIRCUIT	A	Nipple	E-349-2	
18205			2CBF1159E	MV1411B CONTROL CIRCUIT	V	48052A	E-356-1	
18206					DD	48052A	E-356-7, 356-1	
18207					DD	2CKL	E-356-7, 356-1	
18208					DD	2CPN	E-356-7	
18209					DD	2CP55C	E-424	
18210					FF	2CP55C	E-424	
18211			2CBF1159F	MV1411B CONTROL CIRCUIT	V	48049A	E-348	
18212			2CBF1159G	MV1411B CONTROL CIRCUIT	V	48053A	E-356-1	
18213					DD	48053A	E-356-7, 356-1	
18214					DD	2CKL	E-356-7, 356-1	
18215					DD	2CPN	E-356-7	
18216					DD	2CP18A	E-356-8	
18217					FF	2CP18A	E-356-8	
18218			2CBF1159H	MV1411B CONTROL CIRCUIT	V	48052A	E-348	
18219					DD	48052A	E-356-7, 356-1	
18220					DD	2CKL	E-356-7, 356-1	
18221					DD	2CPR	E-356-7	
18222					DD	2CKN	E-356-7	

RACEWAY LEGEND (A) = 3-HR FIRE WRAP (B) = 1-HR FIRE WRAP (C) = RADIANT ENERGY SHIELD * = EMBEDDED CONDUIT

APPENDIX B-1

CIRCUIT/SUB-COMPONENT LOCATION SUMMARY BY SYSTEM

ID No.	SYSTEM	COMPONENT	CIRCUIT/ SUB-COMP	DESCRIPTION	FIRE AREA	RACEWAY	RACEWAY DRAWING	CHANGE NO/TYP
18223	CCWS	CC1411B	2CBF1159H	MV1411B CONTROL CIRCUIT	DD	2CED	E-356-7	
18224					A	2CED	E-356-7	
18225					A	2CEG	E-349-2, 347	
18226					A	37755A	E-349-2, 347	
18227					A	37755A	E-349-2	
18228			2CLR3758A	MV1411B CONTROL CIRCUIT	EE	57071B	E-414	
18229					EE	57071C	E-414	
18230					EE	57071E	E-414	
18231					DD	57071E	E-356-7, 356-1	
18232					DD	2CKL	E-356-7, 356-1	
18233					DD	2CPR	E-356-7	
18234					DD	2CKN	E-356-7	
18235					DD	2CED	E-356-7	
18236					A	2CEG	E-349-2	
18237					A	37755A	E-349-2	
18238					A	37755A	E-349-2	
18239			2CLR3758B	MV1411B CONTROL CIRCUIT	EE	57071D	E-414	
18240					EE	57071E	E-414	
18241					DD	57071E	E-356-7	
18242					DD	2CKL	E-356-7	
18243					DD	2CPR	E-356-7	
18244					DD	2CKN	E-356-7	
18245					DD	2CED	E-356-7	
18246					A	2CEG	E-349-2	
18247					A	37755A	E-349-2	
18248					A	37755A	E-349-2	
18249			2PBF1159A	MV1411B POWER CIRCUIT	V	48026A	E-344, 345	
18250					V	48026A*	E-344, 345	
18250A					A	48026A*	E-344,345	
18251					A	48026B	E-349-2	
18252			BF1159	MV1411B CIRCUIT BREAKER (CH. 2)	V		E-348	
18253			C5717	MV1411B CONTROL ROOM PANEL (CH. 2)	FF		E-353	
18254			C5755C	MV1411B CONTROL ROOM PANEL (CH. 2)	FF		E-353	
18255			CDF-11B	MV1411B DISCONNECT SWITCH (CH. 2)	V		E-348	
18256			EV1411B	MV1411B TERMINAL BOX (CH. 2)	A		E-349-2	
18257			FLSLL3758B	MV1411B LEVEL SWITCH	EE		E-414	
18258			FLSLL3758C	MV1411B LEVEL SWITCH	EE		E-414	
18259			MV1411B	CC INLET ISOLATION VALVE (CH. 2)	A		E-349-2	
18260			NV1411B	MV1411B LOCAL CONTROLLER (CH. 2)	A		E-349-2	
18261			RC3705	MV1411B RELAY CABINET (CH. 2)	A		E-349-2	
18300		CC1460	2CSF1724A	SV1460 CONTROL CIRCUIT	EE	57071A	E-414	
18301					EE	57071C	E-414	
18302					EE	57071E	E-414	
18303					DD	57071E	E-356-7	
18304					DD	2CKL	E-356-7	
18305					DD	2CPN	E-356-7	
18306					DD	2CP18A	E-356-7	
18307					FF	2CP18A	E-353	
18308			2CV1460A	SV1460 CONTROL CIRCUIT	T	37451A	E-349-1	
18309			2CV1460B	SV1460 CONTROL CIRCUIT	T	37451A	E-349-1	
18310			2CV1460C	SV1460 CONTROL CIRCUIT	T	Nipple	E-349-1	
18311			2CV1460D	SV1460 CONTROL CIRCUIT	FF	2CP18A	E-356-8	
18312					DD	2CP18A	E-356-8	
18313					DD	2CPN	E-356-7	
18314					DD	2CPP	E-356-7	
18315					DD	2CEA	E-356-7	
18316					A	2CEA	E-349-2	
18317					A	37450A	E-349-2	
18318					A	37450A	E-349-2	
18319					U	37450A	E-349-3	
18320					T	37450A	E-349-1	
18321					T	JB3722	E-349-1	
18322					T	37497A	E-349-1	
18323			2CV1460E	SV1460 CONTROL CIRCUIT	FF	2CP55C	E-424	
18324					DD	2CP55C	E-424	
18325					DD	2CPN	E-356-7	
18326					DD	2CPP	E-356-7	
18327					DD	2CEA	E-356-7	
18328					A	2CEA	E-349-2	
18329					A	37450A	E-349-2	
18330					A	37450A	E-349-2	
18331					U	37450A	E-349-3	
18332					T	37450A	E-349-1	
18333					T	JB3722	E-349-1	
18334					T	37497A	E-349-1	
18335			C5717	SV1460 CONTROL ROOM PANEL (CH. 2)	FF		E-353	
18336			C5755C	SV1460 CONTROL ROOM PANEL (CH. 2)	FF		E-353	
18337			EV1460	SV1460 TERMINAL BOX (CH. 2)	T		E-349-1	

RACEWAY LEGEND (A) = 3-HR FIRE WRAP (B) = 1-HR FIRE WRAP (C) = RADIANT ENERGY SHIELD * = EMBEDDED CONDUIT

APPENDIX B-1

CIRCUIT/SUB-COMPONENT LOCATION SUMMARY BY SYSTEM

ID No.	SYSTEM	COMPONENT	CIRCUIT/ SUB-COMP	DESCRIPTION	FIRE AREA	RACEWAY	RACEWAY DRAWING	CHANGE NO/TYP
18338	CCWS	CC1460	NV1460	SV1460 LOCAL CONTROLLER (CH. 2)	T		E-349-1	
18339			SV1460	CC VLV TO EMER INST AIR CMPR (CH. 2)	T		E-349-1	
18400		CC1467	1CV1467A	SV1467 CONTROL CIRCUIT	AB	17608B	E-332	
18401					AB	JB1748	E-332	
18402			1CV1467B	SV1467 CONTROL CIRCUIT	AB	Nipple	E-332	
18403			1CV1467C	SV1467 CONTROL CIRCUIT	FF	1CP16A	E-356-8	
18404					DD	1CP16A	E-356-8	
18405					DD	1CPL	E-356-6	
18406					DD	1CDB	E-356-6	
18407					CC	1CDB	E-347	
18408					U	1CDB	E-349-3	
18409					G	1CDB	E-335	
18410					AB	1CDB	E-332	
18411					AB	17608A	E-332	
18412			1CV1467D	SV1467 CONTROL CIRCUIT	AB	17608B	E-332	
18413					AB	JB1748	E-332	
18414			1CV1467E	SV1467 CONTROL CIRCUIT	FF	1CP62C	E-356-10	
18415					DD	1CP62C	E-356-10	
18416					DD	1CPL	E-356-6	
18417					DD	1CDB	E-356-6	
18418					CC	1CDB	E-347	
18419					U	1CDB	E-349-3	
18420					G	1CDB	E-335	
18421					AB	1CDB	E-332	
18422					AB	17608A	E-332	
18423			C5716	SV1467 CONTROL ROOM PANEL (CH. 1)	FF		E-353	
18424			C5762C	SV1467 CONTROL ROOM PANEL (CH. 1)	FF		E-353	
18425			EV1467	SV1467 TERMINAL BOX (CH. 1)	AB		E-332	
18426			NV1467	SV1467 LOCAL CONTROLLER (CH. 1)	AB		E-332	
18427			SV1467	DHR COOLER 1-1 OUT ISO VLV (CH. 1)	AB		E-332	
18500		CC1469	2CV1469A	SV1469 CONTROL CIRCUIT	AB	17607C	E-332	
18501					AB	JB1747	E-332	
18502			2CV1469B	SV1469 CONTROL CIRCUIT	AB	Nipple	E-332	
18503			2CV1469C	SV1469 CONTROL CIRCUIT	FF	2CP16C	E-356-8	
18504					DD	2CP16C	E-356-8	
18505					DD	2CPN	E-356-7	
18506					DD	2CPP	E-356-7	
18507					DD	2CEA	E-356-7	
18508					A	2CEA	E-335, 349-2	
18509					A	2CEB	E-335, 332	
18510					A	17607A	E-335, 332	
18511					AB	17607A	E-332	
18512			2CV1469D	SV1469 CONTROL CIRCUIT	AB	17607C	E-332	
18513					AB	JB1747	E-332	
18514			2CV1469E	SV1469 CONTROL CIRCUIT	FF	2CP55C	E-424	
18515					DD	2CP55C	E-424	
18516					DD	2CPN	E-356-7	
18517					DD	2CPP	E-356-7	
18518					DD	2CEA	E-356-7	
18519					A	2CEA	E-335, 349-2	
18520					A	2CEB	E-335, 332	
18521					A	17607A	E-335, 332	
18522					AB	17607A	E-332	
18523			C5716	SV1469 CONTROL ROOM PANEL (CH. 2)	FF		E-353	
18524			C5755C	SV1469 CONTROL ROOM PANEL (CH. 2)	FF		E-353	
18525			EV1469	SV1469 TERMINAL BOX (CH. 2)	AB		E-332	
18526			NV1469	SV1469 LOCAL CONTROLLER (CH. 2)	AB		E-332	
18527			SV1469	DHR COOLER 1-2 OUT ISO VLV (CH. 2)	AB		E-332	
18636		CC1471	N/A	DG JKT CLG WTR HX 1 OUT VLV	K	MAN		
18736		CC1474	N/A	DG JKT CLG WTR HX 2 OUT VLV	J	MAN		
18800		CC1495	1CSF1714A	SV1495 CONTROL CIRCUIT	EE	57070E	E-414	
18801					FF	1CP17B	E-353	
18802					DD	1CP17B	E-356	
18803					DD	1CPM	E-356	
18804					DD	1CPT	E-356	
18805					DD	57070E	E-356	
18806					DD	1CPL	E-356	
18807					EE	57070C	E-414	
18808					EE	57070A	E-414	
18809			1CV1495A	SV1495 CONTROL CIRCUIT	U	37454A	E-349-3	
18810			1CV1495B	SV1495 CONTROL CIRCUIT	U	Nipple	E-349-3	
18811			1CV1495C	SV1495 CONTROL CIRCUIT	FF	1CP17A	E-356-8	
18812					DD	1CP17A	E-356-8	
18813					DD	1CPL	E-356-6	

RACEWAY LEGEND (A) = 3-HR FIRE WRAP (B) = 1-HR FIRE WRAP (C) = RADIANT ENERGY SHIELD * = EMBEDDED CONDUIT

APPENDIX B-1

CIRCUIT/SUB-COMPONENT LOCATION SUMMARY BY SYSTEM

ID No.	SYSTEM	COMPONENT	CIRCUIT/ SUB-COMP	DESCRIPTION	FIRE AREA	RACEWAY	RACEWAY DRAWING	CHANGE NO/TYP
18814	CCWS	CC1495	1CV1495C	SV1495 CONTROL CIRCUIT	DD	1CJM	E-356-6	
18815					CC	1CJM	E-347	
18816					U	1CJM	E-349-3	
18817					U	37455A	E-349-3	
18818			1CV1495D	SV1495 CONTROL CIRCUIT	U	37454A	E-349-3	
18819			1CV1495E	SV1495 CONTROL CIRCUIT	FF	1CP62C	E-356-10	
18820					DD	1CP62C	E-356-10	
18821					DD	1CPL	E-356-6	
18822					DD	1CJM	E-356-6	
18823					CC	1CJM	E-347	
18824					U	1CJM	E-349-3	
18825					U	37455A	E-349-3	
18826			C5717	SV1495 CONTROL ROOM PANEL	FF		E-353	
18827			C5762C	SV1495 CONTROL ROOM PANEL	FF		E-353	
18828			EV1495	SV1495 TERMINAL BOX	U		E-349-3	
18829			NV1495	SV1495 LOCAL CONTROLLER	U		E-349-3	
18830			SV1495	CCW TO NON-ESSEN IN ISO VLV	U		E-349-3	
18900		CC2645	1CBE1161B	MV2645 CONTROL CIRCUIT	G	27510B	E-335	
18901					G	27510A	E-335	
18902			1CBE1161C	MV2645 CONTROL CIRCUIT	G	27261A	E-335	
18903			1CBE1161D	MV2645 CONTROL CIRCUIT	G	Nipple	E-335	
18904			1CBE1161E	MV2645 CONTROL CIRCUIT	G	27710A	E-335	
18905			1CBE1161F	MV2645 CONTROL CIRCUIT	FF	5720C1	E-356-9	
18906					DD	5720C1	E-356-1, 356-6	
18907					DD	1CPL	E-356-1, 356-6	
18908					DD	1CDB	E-356-6	
18909					CC	1CDB	E-347	
18910					U	1CDB	E-349-3	
18911					G	1CDB	E-335	
18912					G	27708A	E-335	
18913			1CBE1161G	MV2645 CONTROL CIRCUIT	S	36525A	E-338	
18914					S	1CGZ	E-338	
18915					S	36083A	E-338	
18916					S	1CGC	E-338	
18917					S	JB3607	E-338	
18918					S	36083B	E-338	
18919					DUCT	36083B*	E-337	
18920					E	1CEA	E-335	
18921					A	1CEA	E-335	
18922					A	27510C	E-335	
18923					G	27510C	E-335	
18924					G	27510A	E-335	
18925			1CBE1161H	MV2645 CONTROL CIRCUIT	S	36515A	E-338	
18926					S	36525A	E-338	
18927					S	1CGZ	E-338	
18928			1CBE1161I	MV2645 CONTROL CIRCUIT	S	36209A	E-338	
18929					S	1CGZ	E-338	
18930					S	36086A	E-338, 418	
18931					S	1CGC	E-338, 418	
18932					S	JB3607	E-338, 418	
18933					S	36086B	E-338	
18934					DUCT	36086B*	E-337, 342	
18935					E	1CEA	E-335	
18936					A	1CEA	E-335	
18937					A	27510C	E-335	
18938					G	27510C	E-335	
18939					G	27510B	E-335	
18940			1CBE1161J	MV2645 CONTROL CIRCUIT	A	37604A	E-349-2	
18941					V	37604A	E-349-3	
18942					V	1CJL	E-349-3	
18943					U	1CJL	E-349-3	
18944					U	37519A	E-349-3	
18945					U	1CDB	E-349-3	
18946					G	1CDB	E-335	
18947					G	27167A	E-335	
18948			1CCCW001A	MV2645 CONTROL CIRCUIT	S	36525B	E-338	
18949					S	36209A	E-338	
18950					S	1CGZ	E-338	
18951			1CCCW001B	MV2645 CONTROL CIRCUIT	T	37499A	E-349-1	
18952					T	37499C	E-349-1	
18953					T	JB3721	E-349-1	
18954					T	37590A	E-349-1	
18955					T	JB3715	E-349-1	
18956					T	36010C	E-349-1	
18957					T	36010B*	E-337, 339	
18957A					G	36010B*	E-337, 339	
18957B					A	36010B*	E-337, 339	
18957C					E	36010B*	E-337, 339	

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APPENDIX B-1

CIRCUIT/SUB-COMPONENT LOCATION SUMMARY BY SYSTEM

ID No.	SYSTEM	COMPONENT	CIRCUIT/ SUB-COMP	DESCRIPTION	FIRE AREA	RACEWAY	RACEWAY DRAWING	CHANGE NO/TYP
18957D	CCWS	CC2645	1CCCW001B	MV2645 CONTROL CIRCUIT	II	36010B*	E-337, 339	
18957E					DUCT	36010B*	E-337, 339	
18958					S	36010A	E-338	
18959					S	1CGC	E-338	
18960					S	36525A	E-338	
18961					S	1CGZ	E-338	
18962			1CCCW001C	MV2645 CONTROL CIRCUIT	T	37499B	E-349-1	
18963					T	37499C	E-349-1	
18964					T	JB3721	E-349-1	
18965					T	37590A	E-349-1	
18966					T	JB3715	E-349-1	
18967					T	36010C	E-349-1	
18968					T	36010B	E-337, 339	
18968A					G	36010B	E-337, 339	
18968B					A	36010B	E-337, 339	
18968C					E	36010B	E-337, 339	
18968D					II	36010B	E-337, 339	
18968E					DUCT	36010B*	E-337, 339	
18969					S	36010A	E-338	
18970					S	1CGC	E-338	
18971					S	36525A	E-338	
18972					S	1CGZ	E-338	
18973			1CLR3757A	MV2645 CONTROL CIRCUIT	A	37604A	E-349-2	
18974					V	37604A	E-349-3	
18975					U	37604A	E-349-3	
18976					U	1CJL	E-349-3	
18977					CC	1CJL	E-347	
18978					DD	1CJL	E-356-6	
18979					DD	1CPL	E-356-6	
18980					DD	57070E	E-356-6	
18981					EE	57070E	E-414	
18982					EE	57070C	E-414	
18983					EE	57070B	E-414	
18984			1CLR3757B	MV2645 CONTROL CIRCUIT	A	37604A	E-349-2	
18985					V	37604A	E-349-3	
18986					U	37604A	E-349-3	
18987					U	1CJL	E-349-3	
18988					CC	1CJL	E-347	
18989					DD	1CJL	E-356-6	
18990					DD	1CPL	E-356-6	
18991					DD	57070E	E-356-6	
18992					EE	57070E	E-414	
18993					EE	57070D	E-414	
18994			1PBE1161A	MV2645 POWER CIRCUIT	G	27511A	E-335	
18995			AC108	MV2645 CIRCUIT BREAKER (INTLK) (CH. 1)	S		E-338	
18996			AC113	MV2645 CIRCUIT BREAKER (INTLK) (CH. 1)	S		E-338	
18997			BE1161	MV2645 CIRCUIT BREAKER (CH. 1)	G		E-335	
18998			C5720	MV2645 CONTROL ROOM PANEL (CH. 1)	FF		E-353	
18999			CDE-11D	MV2645 DISCONNECT SWITCH (CH. 1)	G		E-335	
19000			EV2645	MV2645 TERMINAL BOX (CH. 1)	G		E-335	
19001			FFIS1427C	MV2645 FLOW INDICATING SWITCH	T		E-349-1	
19002			FFIS1432C	MV2645 FLOW INDICATING SWITCH	T		E-349-1	
19003			FLSLL3757B	MV2645 LEVEL SWITCH	EE		E-414	
19004			FLSLL3757C	MV2645 LEVEL SWITCH	EE		E-414	
19005			MV2645	CC RETURN HEADER LINE 1 VALVE (CH. 1)	G		E-335	
19006			NV2645	MV2645 LOCAL CONTROLLER (CH. 1)	G		E-335	
19007			RC3607	MV2645 RELAY CABINET (CH. 1)	S		E-338	
19008			RC3704	MV2645 RELAY CABINET (CH. 1)	A		E-349-2	
19100		CC2649	2CBF1161B	MV2649 CONTROL CIRCUIT	G	27410A	E-335	
19101			2CBF1161C	MV2649 CONTROL CIRCUIT	G	27260A	E-335	
19102			2CBF1161D	MV2649 CONTROL CIRCUIT	G	Nipple	E-335	
19103			2CBF1161E	MV2649 CONTROL CIRCUIT	G	27702B	E-335	
19104					G	JB2729	E-335	
19105					G	27702A	E-335	
19106					G	27418A	E-335	
19107					G	2CEV	E-335	
19108			2CBF1161F	MV2649 CONTROL CIRCUIT	FF	5721A1	E-356-9	
19109					DD	5721A1	E-356-7, 356-1	
19110					DD	2CPN	E-356-7, 356-1	
19111					DD	2CEV	E-356-7	
19112					CC	2CEV	E-347	
19113					U	2CEV	E-349-3	
19114					G	2CEV	E-335	
19115					G	27700A	E-335	
19116					G	27700B	E-335	
19117			2CBF1161G	MV2649 CONTROL CIRCUIT	DUCT	36192B*	E-337	
19118					F	2CEC	E-335	
19119					A	2CEB	E-335	

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APPENDIX B-1

CIRCUIT/SUB-COMPONENT LOCATION SUMMARY BY SYSTEM

ID No.	SYSTEM	COMPONENT	CIRCUIT/ SUB-COMP	DESCRIPTION	FIRE AREA	RACEWAY	RACEWAY DRAWING	CHANGE NO/TYP
19120	CCWS	CC2649	2CBF1161G	MV2649 CONTROL CIRCUIT	A	2CEA	E-335, 349-2	
19121					Q	36725A	E-338	
19122					Q	36192A	E-338	
19123					Q	2CGE	E-338	
19124					Q	JB3620	E-338	
19125					Q	36192B	E-338	
19126					DD	2CEA	E-356-1	
19127					DD	2CPP	E-356-1	
19128					DD	2CPN	E-356-1	
19129					DD	2CEV	E-356-1	
19130					CC	2CEV	E-347	
19131					U	2CEV	E-349-3	
19132					G	2CEV	E-335	
19133					G	27418A	E-335	
19134			2CBF1161H	MV2649 CONTROL CIRCUIT	Q	36715A	E-338	
19135					Q	36725A	E-338	
19136					Q	2CGE	E-338	
19137			2CBF1161I	MV2649 CONTROL CIRCUIT	Q	36210A	E-338	
19138					Q	36187A	E-338, 418	
19139					Q	2CGE	E-338, 418	
19140					Q	JB3620	E-338, 418	
19141					Q	36187B	E-338	
19142					DUCT	36187B*	E-337, 342	
19143					F	2CEF	E-335	
19144					A	2CEF	E-335	
19145					A	2CEG	E-335	
19146					A	2CEH	E-335	
19147					A	27168A	E-335	
19148					G	27168A	E-335	
19149					G	27420A	E-335	
19150					G	2CEV	E-335	
19151					G	BF11D	E-335	
19152					G	27410A	E-335	
19153			2CBF1161J	MV2649 CONTROL CIRCUIT	A	37755A	E-349-2	
19154					A	37755A	E-349-2	
19155					A	2CEG	E-349-2	
19156					A	2CEH	E-335	
19157					A	27168A	E-335	
19158					G	27168A	E-335	
19159					G	27420A	E-335	
19160					G	2CEV	E-335	
19161					G	27410A	E-335	
19162			2CCCW002A	MV2649 CONTROL CIRCUIT	Q	36725B	E-338	
19163					Q	36210A	E-338	
19164					Q	2CGE	E-338	
19165			2CCCW002B	MV2649 CONTROL CIRCUIT	T	37498A	E-349-1	
19166					T	37498C	E-349-1	
19167					T	JB3722	E-349-1	
19168					T	37591A	E-349-1	
19169					T	JT3718	E-349-1	
19170					T	36110C	E-349-1	
19171					T	36110B*	E-337, 339	
19171A					G	36110B*	E-337, 339	
19171C					A	36110B*	E-337, 339	
19171C					II	36110B*	E-337, 339	
19171D					F	36110B*	E-337, 339	
19171E					DUCT	36110B*	E-337, 339	
19172					Q	36110A	E-338	
19173					Q	36725A	E-338	
19174					Q	2CGE	E-338	
19175			2CCCW002C	MV2649 CONTROL CIRCUIT	T	37498B	E-349-1	
19176					T	37498C	E-349-1	
19177					T	JB3722	E-349-1	
19178					T	37591A	E-349-1	
19179					T	JT3718	E-349-1	
19180					T	36110C	E-349-1	
19181					T	36110B*	E-337, 339	
19181A					G	36110B*	E-337, 339	
19181B					A	36110B*	E-337, 339	
19181C					II	36110B*	E-337, 339	
19181D					F	36110B*	E-337, 339	
19181E					DUCT	36110B*	E-337, 339	
19182					Q	36110A	E-338	
19183					Q	36725A	E-338	
19184					Q	2CGE	E-338	
19185			2CLR3758A	MV2649 CONTROL CIRCUIT	A	37755A	E-349-2	
19186					A	37755A	E-349-2	
19187					A	2CEG	E-349-2	
19188					DD	2CEG	E-356-7	

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APPENDIX B-1

CIRCUIT/SUB-COMPONENT LOCATION SUMMARY BY SYSTEM

ID No.	SYSTEM	COMPONENT	CIRCUIT/ SUB-COMP	DESCRIPTION	FIRE AREA	RACEWAY	RACEWAY DRAWING	CHANGE NO/TYP
19189	CCWS	CC2649	2CLR3758A	MV2649 CONTROL CIRCUIT	DD	2CED	E-356-7	
19190					DD	2CKN	E-356-7	
19191					DD	2CPR	E-356-7	
19192					DD	2CKL	E-356-7, 356-1	
19193					DD	57071E	E-356-7, 356-1	
19194					EE	57071E	E-414	
19195					EE	57071C	E-414	
19196					EE	57071B	E-414	
19197			2CLR3758B	MV2649 CONTROL CIRCUIT	A	37755A	E-349-2	
19198					A	2CEG	E-349-2	
19199					A	37755A	E-349-2	
19200					DD	2CEG	E-356-7	
19201					DD	2CED	E-356-7	
19202					DD	2CKN	E-356-7	
19203					DD	2CPR	E-356-7	
19204					DD	2CKL	E-356-7	
19205					DD	57071E	E-356-7	
19206					EE	57071E	E-414	
19207					EE	57071D	E-414	
19208			2PBF1161A	MV2649 POWER CIRCUIT	G	27409A	E-335	
19209			AD108	MV2649 CIRCUIT BREAKER (INTLK) (CH. 2)	Q		E-338	
19210			AD113	MV2649 CIRCUIT BREAKER (INTLK) (CH. 2)	Q		E-338	
19211			BF1161	MV2649 CIRCUIT BREAKER (CH. 2)	G		E-335	
19212			C5720	MV2649 CONTROL ROOM PANEL (CH. 2)	FF		E-353	
19213			CDF-11D	MV2649 DISCONNECT SWITCH (CH. 2)	G		E-335	
19214			EV2649	MV2649 TERMINAL BOX (CH. 2)	G		E-335	
19215			FFIS1422D	MV2649 FLOW INDICATING SWITCH	T		E-349-1	
19216			FFIS1427D	MV2649 FLOW INDICATING SWITCH	T		E-349-1	
19217			FLSLL3758B	MV2649 LEVEL SWITCH	EE		E-414	
19218			FLSLL3758C	MV2649 LEVEL SWITCH	EE		E-414	
19219			MV2649	CC RETURN HEADER LINE 2 VALVE (CH. 2)	G		E-335	
19220			NV2649	MV2649 LOCAL CONTROLLER (CH. 2)	G		E-335	
19221			RC3608	MV2649 RELAY CABINET (CH. 2)	Q		E-338	
19222			RC3705	MV2649 RELAY CABINET (CH. 2)	A		E-349-2	
19222A		CC42	N/A	NONESSENTIAL CCW ISOLATION VALVE	U	N/A		
19222B		CC43	N/A	NONESSENTIAL CCW BYPASS VALVE	U	N/A		
19700		CC5095	1CBE1226B	MV5095 CONTROL CIRCUIT	T	37600A	E-349-1	
19701					T	37593A	E-349-1	
19702					UU	37593A	E-349-1	
19703					A	37593A	E-335	
19704					A	1CEC	E-335	
19705					E	1CEC	E-335	
19706					DUCT	36090B*	E-337, 342	
19707					S	36090B	E-338	
19708					S	JB3607	E-338, 418	
19709					S	36090A	E-338, 418	
19710					S	1CGC	E-338	
19711					S	36356A	E-338	
19712					Y	36356A	E-346	
19713					Y	46539A	E-346	
19714					Y	1CKA	E-346	
19715			1CBE1226C	MV5095 CONTROL CIRCUIT	T	37600D	E-349-1	
19716					T	37600B	E-349-1	
19717			1CBE1226D	MV5095 CONTROL CIRCUIT	T	Nipple	E-349-1	
19718			1CBE1226E	MV5095 CONTROL CIRCUIT	Y	46263A	E-346	
19719					Y	46538A	E-346	
19720					Y	1CKA	E-346	
19721			1CBE1226F	MV5095 CONTROL CIRCUIT	FF	5720C1	E-356-9	
19722					DD	5720C1	E-356-9	
19723					DD	1CPL	E-356-1, 356-6	
19724					DD	46053A	E-356-1, 356-6	
19725					DD	46053B*	E-343, 344,355	
19725A					A	46053B*	E-343, 344, 355	
19725B					DF	46053B*	E-343, 344, 355	
19725C					X	46053B*	E-343, 344, 355	
19725D					Y	46053B*	E-343, 344, 355	
19726					Y	1CKD	E-346	
19727					Y	46263A	E-346	
19728					Y	1CKA	E-346	
19729			1CBE1226G	MV5095 CONTROL CIRCUIT	S	36525A	E-338	
19730					S	1CGZ	E-338	
19731					S	1CGC	E-338	
19732					S	36357A	E-338	
19733					Y	36357A	E-346	
19734					Y	46539A	E-346	
19735					Y	1CKA	E-346	

RACEWAY LEGEND (A) = 3-HR FIRE WRAP (B) = 1-HR FIRE WRAP (C) = RADIANT ENERGY SHIELD * = EMBEDDED CONDUIT

APPENDIX B-1

CIRCUIT/SUB-COMPONENT LOCATION SUMMARY BY SYSTEM

ID No.	SYSTEM	COMPONENT	CIRCUIT/ SUB-COMP	DESCRIPTION	FIRE AREA	RACEWAY	RACEWAY DRAWING	CHANGE NO/TYP
19736	CCWS	CC5095	1CBE1226H	MV5095 CONTROL CIRCUIT	S	36515C	E-338	
19737					S	36525A	E-338	
19738					S	1CGZ	E-338	
19739			1CBE1226I	MV5095 CONTROL CIRCUIT	S	36209A	E-338	
19740					S	1CGZ	E-338	
19741					S	36090A	E-338, 418	
19742					S	1CGC	E-338, 418	
19743					S	JB3607	E-338, 418	
19744					S	36090B	E-338	
19745					DUCT	36090B*	E-337, 342	
19746					E	1CEC	E-335	
19747					A	1CEC	E-335	
19748					A	37593A	E-335	
19749					UU	37593A	E-349-1	
19750					T	37593A	E-349-1	
19751					T	JB3721	E-349-1	
19752					T	37600A	E-349-1	
19753			1CBE1226J	MV5095 CONTROL CIRCUIT	A	37604A	E-349-2	
19754					V	37604A	E-349-3	
19755					V	1CJL	E-349-3	
19756					U	1CJL	E-349-3	
19757					U	37035C	E-349-3	
19758					U	37035B*	E-339	
19758A					G	37035B*	E-339	
19758B					A	37035B*	E-339	
19758C					T	37035B*	E-339	
19759					T	37035A	E-349-1	
19760					T	EV1424	E-349-1	
19761					T	37496A	E-349-1	
19762					T	JB3721	E-349-1	
19763					T	37600A	E-349-1	
19764			1CCCW001A	MV5095 CONTROL CIRCUIT	S	36525B	E-338	
19765					S	36209A	E-338	
19766					S	1CGZ	E-338	
19767			1CCCW001B	MV5095 CONTROL CIRCUIT	T	37499A	E-349-1	
19768					T	37499C	E-349-1	
19769					T	JB3721	E-349-1	
19770					T	37590A	E-349-1	
19771					T	JB3715	E-349-1	
19772					T	36010C	E-349-1	
19773					T	36010B*	E-337, 339	
19773A					G	36010B*	E-337, 339	
19773B					A	36010B*	E-337, 339	
19773C					E	36010B*	E-337, 339	
19773D					II	36010B*	E-337, 339	
19773E					DUCT	36010B*	E-337, 339	
19774					S	36010A	E-338	
19775					S	1CGC	E-338	
19776					S	36525A	E-338	
19777					S	1CGZ	E-338	
19778			1CCCW001C	MV5095 CONTROL CIRCUIT	T	37499B	E-349-1	
19779					T	37499C	E-349-1	
19780					T	JB3721	E-349-1	
19781					T	37590A	E-349-1	
19782					T	JB3715	E-349-1	
19783					T	36010C	E-349-1	
19784					T	36010B*	E-337, 339	
19784A					G	36010B*	E-337, 339	
19784B					A	36010B*	E-337, 339	
19784C					E	36010B*	E-337, 339	
19784D					II	36010B*	E-337, 339	
19784E					DUCT	36010B*	E-337, 339	
19785					S	36010A	E-338	
19786					S	1CGC	E-338	
19787					S	36525A	E-338	
19788					S	1CGZ	E-338	
19789			1CLR3757A	MV5095 CONTROL CIRCUIT	A	37604A	E-349-2	
19790					V	37604A	E-349-3	
19791					U	37604A	E-349-3	
19792					U	1CJL	E-349-3	
19793					CC	1CJL	E-347	
19794					DD	1CJL	E-356-6	
19795					DD	1CPL	E-356-6	
19796					DD	57070E	E-356-6	
19797					EE	57070E	E-414	
19798					EE	57070C	E-414	
19799					EE	57070B	E-414	
19800			1CLR3757B	MV5095 CONTROL CIRCUIT	A	37604A	E-349-2	
19801					V	37604A	E-349-3	

RACEWAY LEGEND (A) = 3-HR FIRE WRAP (B) = 1-HR FIRE WRAP (C) = RADIANT ENERGY SHIELD * = EMBEDDED CONDUIT

APPENDIX B-1

CIRCUIT/SUB-COMPONENT LOCATION SUMMARY BY SYSTEM

ID No.	SYSTEM	COMPONENT	CIRCUIT/ SUB-COMP	DESCRIPTION	FIRE AREA	RACEWAY	RACEWAY DRAWING	CHANGE NO/TYP
19802	CCWS	CC5095	1CLR3757B	MV5095 CONTROL CIRCUIT	U	37604A	E-349-3	
19803					U	1CJL	E-349-3	
19804					CC	1CJL	E-347	
19805					DD	1CJL	E-356-6	
19806					DD	1CPL	E-356-6	
19807					DD	57070E	E-356-6	
19808					EE	57070E	E-414	
19809					EE	57070D	E-414	
19810			1PBE1226A	MV5095 POWER CIRCUIT	T	46088D	E-349-1	
19811					T	46088B	E-349-1	
19812					U	46088B	E-349-3	
19813					A	46088B	E-349-2	
19814					A	46088B	E-347, 349-2	
19815					DF	46088B	E-346, 347	
19816					X	46088B	E-346	
19817					Y	46088B	E-346	
19818			AC108	MV5095 CIRCUIT BREAKER (INTLK) (CH. 1)	S		E-338	
19819			AC113	MV5095 CIRCUIT BREAKER (INTLK) (CH. 1)	S		E-338	
19820			BE1226	MV5095 CIRCUIT BREAKER (CH. 1)	Y		E-346	
19821			C5720	MV5095 CONTROL ROOM PANEL (CH. 1)	FF		E-353	
19822			CDE-12A-1	MV5095 DISCONNECT SWITCH (CH. 1)	Y		E-346	
19823			EV5095	MV5095 TERMINAL BOX (CH. 1)	T		E-349-1	
19824			FFIS1427C	MV5095 FLOW INDICATING SWITCH	T		E-349-1	
19825			FFIS1432C	MV5095 FLOW INDICATING SWITCH	T		E-349-1	
19826			FLSLL3757B	MV5095 LEVEL SWITCH	EE		E-414	
19827			FLSLL3757C	MV5095 LEVEL SWITCH	EE		E-414	
19828			MV5095	CC HDR LINE 1 IN ISO VLV (CH. 1)	T		E-349-1	
19829			NV5095	MV5095 LOCAL CONTROLLER (CH. 1)	T		E-349-1	
19830			RC3607	MV5095 RELAY CABINET (CH. 1)	S		E-338	
19831			RC3704	MV5095 RELAY CABINET (CH. 1)	A		E-349-2	
19900		CC5096	2CBF1106B	MV5096 CONTROL CIRCUIT	T	JB3722	E-349-1	
19901					T	37450B	E-349-1	
19902					U	37450B	E-349-3	
19903					T	37495E	E-349-1	
19904					A	37450B	E-349-2	
19905					A	37450B	E-349-2	
19906					A	2CEA	E-349-2	
19907					DD	2CEA	E-356-7	
19908					DD	2CLA	E-356-7	
19909					DD	2CPR	E-356-7	
19910					DD	2CKN	E-356-7	
19911					DF	2CKN	E-347	
19912					DF	47801A	E-347	
19913			2CBF1106C	MV5096 CONTROL CIRCUIT	T	37601D	E-349-1	
19914					T	37601B	E-349-1	
19915			2CBF1106D	MV5096 CONTROL CIRCUIT	T	Nipple	E-349-1	
19916			2CBF1106E	MV5096 CONTROL CIRCUIT	DF	47703A	E-347	
19917					DF	2CLB	E-347	
19918					DF	2CLA	E-347	
19919					DF	47323A	E-347	
19920			2CBF1106F	MV5096 CONTROL CIRCUIT	FF	5721A1	E-356-9	
19921					DD	5721A1	E-356-1	
19922					DD	2CPN	E-356-1	
19923					DD	2CPP	E-356-1	
19924					DD	2CLA	E-356-1	
19925					DF	2CLA	E-347	
19926					DF	47705A	E-347	
19927					DF	2CLB	E-347	
19928			2CBF1106G	MV5096 CONTROL CIRCUIT	Q	36725A	E-338	
19929					Q	2CGE	E-338	
19930					Q	36729A	E-338	
19931					X	36729A	E-346	
19932					X	2CKL	E-346	
19933					DF	2CKL	E-346	
19934					DF	47094A	E-346	
19935					DF	47323A	E-347	
19936					DF	2CLA	E-347	
19937			2CBF1106H	MV5096 CONTROL CIRCUIT	Q	36715C	E-338	
19938					Q	36725A	E-338	
19939					Q	2CGE	E-338	
19940			2CBF1106I	MV5096 CONTROL CIRCUIT	Q	36210A	E-338	
19941					Q	36192A	E-338, 418	
19942					Q	2CGE	E-338, 418	
19943					Q	JB3620	E-338, 418	
19944					Q	36192B	E-338	
19945					DUCT	36192B*	E-337, 342	
19946					F	2CEC	E-335	
19947					A	2CEB	E-335	

RACEWAY LEGEND (A) = 3-HR FIRE WRAP (B) = 1-HR FIRE WRAP (C) = RADIANT ENERGY SHIELD * = EMBEDDED CONDUIT

APPENDIX B-1

CIRCUIT/SUB-COMPONENT LOCATION SUMMARY BY SYSTEM

ID No.	SYSTEM	COMPONENT	CIRCUIT/ SUB-COMP	DESCRIPTION	FIRE AREA	RACEWAY	RACEWAY DRAWING	CHANGE NO/TYP
19948	CCWS	CC5096	2CBF1106I	MV5096 CONTROL CIRCUIT	A	2CEA	E-335	
19949					A	37450B	E-335	
19950					A	37450B	E-349-2	
19951					U	37450B	E-349-2	
19952					T	37450B	E-349-1	
19953					T	JB3722	E-349-1	
19954					T	37495E	E-349-1	
19955			2CBF1106J	MV5096 CONTROL CIRCUIT	A	37755A	E-349-2	
19956					A	37755A	E-349-2	
19957					A	37518A	E-349-2	
19958					A	2CEG	E-349-2	
19959					T	37450B	E-349-1	
19960					A	37450B	E-349-2	
19961					A	2CEA	E-349-2	
19962					A	37450B	E-349-2	
19963					U	37450B	E-349-3	
19964					T	JB3722	E-349-1	
19965					T	37495E	E-349-1	
19966			2CCCW002A	MV5096 CONTROL CIRCUIT	Q	36725B	E-338	
19967					Q	36210A	E-338	
19968					Q	2CGE	E-338	
19969			2CCCW002B	MV5096 CONTROL CIRCUIT	T	37498A	E-349-1	
19970					T	37498C	E-349-1	
19971					T	JB3722	E-349-1	
19972					T	37591A	E-349-1	
19973					T	JT3718	E-349-1	
19974					T	36110C	E-349-1	
19975					T	36110B*	E-337, 339	
19975A					G	36110B*	E-337, 339	
19975B					A	36110B*	E-337, 339	
19975C					II	36110B*	E-337, 339	
19975D					F	36110B*	E-337, 339	
19975E					DUCT	36110B*	E-337, 339	
19976					Q	36110A	E-338	
19977					Q	36725A	E-338	
19978					Q	2CGE	E-338	
19979			2CCCW002C	MV5096 CONTROL CIRCUIT	T	37498B	E-349-1	
19980					T	37498C	E-349-1	
19981					T	JB3722	E-349-1	
19982					T	37591A	E-349-1	
19983					T	JT3718	E-349-1	
19984					T	36110C	E-349-1	
19985					T	36110B*	E-337, 339	
19985A					G	36110B*	E-337, 339	
19985B					A	36110B*	E-337, 339	
19985C					II	36110B*	E-337, 339	
19985D					F	36110B*	E-337, 339	
19985E					DUCT	36110B*	E-337, 339	
19986					Q	36110A	E-338	
19987					Q	36725A	E-338	
19988					Q	2CGE	E-338	
19989			2CLR3758A	MV5096 CONTROL CIRCUIT	A	37755A	E-349-2	
19990					A	37755A	E-349-2	
19991					A	2CEG	E-349-2	
19992					DD	2CEG	E-356-7	
19993					DD	2CED	E-356-7	
19994					DD	2CKN	E-356-7	
19995					DD	2CPR	E-356-7	
19996					DD	2CKL	E-356-7, 356-1	
19997					DD	57071E	E-356-7, 356-1	
19998					EE	57071E	E-414	
19999					EE	57071C	E-414	
20000					EE	57071B	E-414	
20001			2CLR3758B	MV5096 CONTROL CIRCUIT	A	37755A	E-349-2	
20002					A	37755A	E-349-2	
20003					A	2CEG	E-349-2	
20004					DD	2CEG	E-356-7	
20005					DD	2CED	E-356-7	
20006					DD	2CKN	E-356-7	
20007					DD	2CPR	E-356-7	
20008					DD	2CKL	E-356-7	
20009					DD	57071E	E-356-7	
20010					EE	57071E	E-414	
20011					EE	57071D	E-414	
20012			2PBF1106A	MV5096 POWER CIRCUIT	T	47342C	E-349-1	
20013					T	47342A	E-349-1	
20014					U	47342A	E-349-3	
20015					A	47342A	E-349-2	
20016					DF	47342A	E-347	

RACEWAY LEGEND (A) = 3-HR FIRE WRAP (B) = 1-HR FIRE WRAP (C) = RADIANT ENERGY SHIELD * = EMBEDDED CONDUIT

APPENDIX B-1

CIRCUIT/SUB-COMPONENT LOCATION SUMMARY BY SYSTEM

ID No.	SYSTEM	COMPONENT	CIRCUIT/ SUB-COMP	DESCRIPTION	FIRE AREA	RACEWAY	RACEWAY DRAWING	CHANGE NO/TYP
20017	CCWS	CC5096	AD108	MV5096 CIRCUIT BREAKER (INTLK)(CH. 2)	Q		E-338	
20018			AD113	MV5096 CIRCUIT BREAKER (INTLK)(CH. 2)	Q		E-338	
20019			BF1106	MV5096 CIRCUIT BREAKER (CH. 2)	DF		E-347	
20020			C5720	MV5096 CONTROL ROOM PANEL (CH. 2)	FF		E-353	
20021			CDF-11A-2	MV5096 DISCONNECT SWITCH (CH. 2)	DF		E-347	
20022			EV5096	MV5096 TERMINAL BOX (CH. 2)	T		E-349-1	
20023			FFIS1422D	MV5096 FLOW INDICATING SWITCH	T		E-349-1	
20024			FFIS1427D	MV5096 FLOW INDICATING SWITCH	T		E-349-1	
20025			FLSLL3758B	MV5096 LEVEL SWITCH	EE		E-414	
20026			FLSLL3758C	MV5096 LEVEL SWITCH	EE		E-414	
20027			MV5096	CC HDR LINE 2 IN ISO VLV (CH. 2)	T		E-349-1	
20028			NV5096	MV5096 LOCAL CONTROLLER (CH. 2)	T		E-349-1	
20029			RC3608	MV5096 RELAY CABINET (CH. 2)	Q		E-338	
20030			RC3705	MV5096 RELAY CABINET (CH. 2)	A		E-349-2	
20100		CC5097	1CBE1227B	MV5097 CONTROL CIRCUIT	Y	46538A	E-346	
20101					Y	1CKA	E-346	
20102					Y	36356A	E-346	
20103					S	36356A	E-338	
20104					S	1CGC	E-338	
20105					S	36090A	E-338, 418	
20106					S	JB3607	E-338, 418	
20107					S	36090B	E-338	
20108					DUCT	36090B*	E-337, 342	
20109					E	1CEC	E-335	
20110					A	1CEC	E-335	
20111					A	37593A	E-335	
20112					UU	37593A	E-349-1	
20113					T	37593A	E-349-1	
20114					T	JB3721	E-349-1	
20115					T	37600A	E-349-1	
20116			1CBE1227C	MV5097 CONTROL CIRCUIT	T	37600B	E-349-1	
20117					T	37600C	E-349-1	
20118			1CBE1227D	MV5097 CONTROL CIRCUIT	T	Nipple	E-349-1	
20119			1CBE1227E	MV5097 CONTROL CIRCUIT	Y	1CKA	E-346	
20120					Y	46538A	E-346	
20121					Y	46263A	E-346	
20125A					X	46053B*	E-343, 344, 355	
20125B					DF	46053B*	E-343, 344, 355	
20125C					A	46053B*	E-343, 344, 355	
20125D					DD	46053B*	E-343, 344, 355	
20122			1CBE1227F	MV5097 CONTROL CIRCUIT	Y	46263A	E-346	
20123					Y	1CKA	E-346	
20124					Y	1CKD	E-346	
20125					Y	46053B*	E-343,344,355	
20126					DD	46053A	E-356-1, 6	
20127					DD	1CPL	E-356-1, 6	
20128					DD	5720C2	E-356-9	
20129					FF	5720C2	E-356-9	
20130			1CBE1227G	MV5097 CONTROL CIRCUIT	Y	46539A	E-346	
20131					Y	1CKA	E-346	
20132					Y	36356A	E-346	
20133					S	36356A	E-338	
20134					S	1CGC	E-338	
20135					S	36525A	E-338	
20136					S	1CGZ	E-338	
20137			1CBE1227H	MV5097 CONTROL CIRCUIT	S	1CGZ	E-338	
20138					S	36525A	E-338	
20139					S	36515C	E-338	
20140			1CBE1227I	MV5097 CONTROL CIRCUIT	T	37600A	E-349-1	
20141					E	1CEC	E-335	
20142					T	37593A	E-349-1	
20143					UU	37593A	E-349-1	
20144					A	37593A	E-335	
20145					A	1CEC	E-335	
20146					T	JB3721	E-349-1	
20147					DUCT	36090B*	E-337, 342	
20148					S	36090B	E-338	
20149					S	JB3607	E-338, 418	
20150					S	36090A	E-338, 418	
20151					S	1CGC	E-338, 418	
20152					S	36209A	E-338	
20153					S	1CGZ	E-338	
20154			1CBE1227J	MV5097 CONTROL CIRCUIT	T	37035A	E-349-1	
20155					T	JB3721	E-349-1	
20156					T	37496A	E-349-1	
20157					T	EV1424	E-349-1	
20158					T	37600A	E-349-1	
20159					T	37035B*	E-339	

RACEWAY LEGEND (A) = 3-HR FIRE WRAP (B) = 1-HR FIRE WRAP (C) = RADIANT ENERGY SHIELD * = EMBEDDED CONDUIT

APPENDIX B-1

CIRCUIT/SUB-COMPONENT LOCATION SUMMARY BY SYSTEM

ID No.	SYSTEM	COMPONENT	CIRCUIT/ SUB-COMP	DESCRIPTION	FIRE AREA	RACEWAY	RACEWAY DRAWING	CHANGE NO/TYP
20159A	CCWS	CC5097	1CBE1227J	MV5097 CONTROL CIRCUIT	A	37035B*	E-339	
20159B					G	37035B*	E-339	
20159C					U	37035B*	E-339	
20160					U	37035C	E-349-3	
20161					U	1CJL	E-349-3	
20162					V	1CJL	E-349-3	
20163					V	37604A	E-349-3	
20164					A	37604A	E-349-2	
20165			1CCCW001A	MV5097 CONTROL CIRCUIT	S	36209A	E-338	
20166					S	1CGZ	E-338	
20167					S	36525B	E-338	
20168			1CCCW001B	MV5097 CONTROL CIRCUIT	T	37590A	E-349-1	
20169					S	36525A	E-338	
20170					S	1CGZ	E-338	
20171					T	36010B*	E-337, 339	
20171A					G	36010B*	E-337, 339	
20171B					A	36010B*	E-337, 339	
20171C					E	36010B*	E-337, 339	
20171D					II	36010B*	E-337, 339	
20171E					DUCT	36010B*	E-337, 339	
20172					T	36010C	E-349-1	
20173					T	JB3715	E-349-1	
20174					S	36010A	E-338	
20175					S	1CGC	E-338	
20176					T	JB3721	E-349-1	
20177					T	37499C	E-349-1	
20178					T	37499A	E-349-1	
20179			1CCCW001C	MV5097 CONTROL CIRCUIT	S	36525A	E-338	
20180					S	1CGZ	E-338	
20181					S	1CGC	E-338	
20182					S	36010A	E-338	
20183					T	JB3721	E-349-1	
20184					T	36010C	E-349-1	
20185					T	JB3715	E-349-1	
20186					T	37590A	E-349-1	
20187					T	36010B*	E-337, 339	
20187A					G	36010B*	E-337, 339	
20187B					A	36010B*	E-337, 339	
20187C					E	36010B*	E-337, 339	
20187D					II	36010B*	E-337, 339	
20187E					DUCT	36010B*	E-337, 339	
20188					T	37499C	E-349-1	
20189					T	37499B	E-349-1	
20190			1CLR3757A	MV5097 CONTROL CIRCUIT	EE	57070B	E-414	
20191					EE	57070C	E-414	
20192					EE	57070E	E-414	
20193					DD	57070E	E-356-6	
20194					DD	1CPL	E-356-6	
20195					A	37604A	E-349-2	
20196					CC	1CJL	E-347	
20197					U	1CJL	E-349-3	
20198					V	1CJL	E-349-3	
20199					V	37604A	E-349-3	
20200					DD	1CJL	E-356-6	
20201			1CLR3757B	MV5097 CONTROL CIRCUIT	EE	57070D	E-414	
20202					EE	57070E	E-414	
20203					DD	57070E	E-356-6	
20204					DD	1CPL	E-356-6	
20205					DD	1CJL	E-356-6	
20206					CC	1CJL	E-347	
20207					U	1CJL	E-349-3	
20208					V	37604A	E-349-3	
20209					A	37604A	E-349-2	
20210			1PBE1227A	MV5097 POWER CIRCUIT	Y	46088B	E-346	
20211					X	46088B	E-346	
20212					DF	46088B	E-346, 347	
20213					A	46088B	E-347, 349-2	
20214					A	46088B	E-349-2	
20215					U	46088B	E-349-3	
20216					T	46088B	E-349-1	
20217					T	46088C	E-349-1	
20218			AC108	MV5097 CIRCUIT BREAKER (INTLK) (CH. 1)	S		E-338	
20219			AC113	MV5097 CIRCUIT BREAKER (INTLK) (CH. 1)	S		E-338	
20220			BE1227	MV5097 CIRCUIT BREAKER (INTLK) (CH. 1)	Y		E-346	
20221			C5720	MV5097 CONTROL ROOM PANEL (CH. 1)	FF		E-353	
20222			CDE-12A-1	MV5097 DISCONNECT SWITCH (CH. 1)	Y		E-346	
20223			EV5095	MV5097 TERMINAL BOX (CH. 1)	T		E-349-1	
20224			FFIS1427C	MV5097 FLOW INDICATING SWITCH	T		E-349-1	
20225			FFIS1432C	MV5097 FLOW INDICATING SWITCH	T		E-349-1	

RACEWAY LEGEND (A) = 3-HR FIRE WRAP (B) = 1-HR FIRE WRAP (C) = RADIANT ENERGY SHIELD * = EMBEDDED CONDUIT

APPENDIX B-1

CIRCUIT/SUB-COMPONENT LOCATION SUMMARY BY SYSTEM

ID No.	SYSTEM	COMPONENT	CIRCUIT/ SUB-COMP	DESCRIPTION	FIRE AREA	RACEWAY	RACEWAY DRAWING	CHANGE NO/TYP
20226	CCWS	CC5097	FLSLL3757B	MV5097 LEVEL SWITCH	EE		E-414	
20227			FLSLL3757C	MV5097 LEVEL SWITCH	EE		E-414	
20228			MV5097	CC HDR LINE 1 RETURN ISO VLV (CH. 1)	T		E-349-1	
20229			NV5097	MV5097 LOCAL CONTROLLER (CH. 1)	T		E-349-1	
20230			RC3607	MV5097 RELAY CABINET (CH. 1)	S		E-338	
20231			RC3704	MV5097 RELAY CABINET (CH. 1)	A		E-349-2	
20300		CC5098	2CBF1119B	MV5098 CONTROL CIRCUIT	DF	47352A	E-347	
20301					DF	2CLA	E-347	
20302					DD	2CLA	E-356-7	
20303					DD	2CEA	E-356-7	
20304					A	2CEA	E-349-2	
20305					A	37450B	E-349-2	
20306					A	37450B	E-349-2	
20307					U	37450B	E-349-2	
20308					T	37450B	E-349-1	
20309					T	JB3722	E-349-1	
20310					T	37495E	E-349-1	
20311			2CBF1119C	MV5098 CONTROL CIRCUIT	T	37601B	E-349-1	
20312					T	37601C	E-349-1	
20313			2CBF1119D	MV5098 CONTROL CIRCUIT	T	Nipple	E-349-1	
20314			2CBF1119E	MV5098 CONTROL CIRCUIT	DF	47320A	E-347	
20315					DF	2CLA	E-347	
20316					DF	47705A	E-347	
20317					DF	2CLB	E-347	
20318			2CBF1119F	MV5098 CONTROL CIRCUIT	DF	2CLB	E-347	
20319					DF	47705A	E-347	
20320					DF	2CLA	E-347	
20321					DD	2CLA	E-356-7	
20322					DD	2CPP	E-356-7	
20323					DD	2CPN	E-356-7, 356-9	
20324					DD	5721A1	E-356-7, 356-9	
20325					FF	5721A1	E-356-9	
20326			2CBF1119G	MV5098 CONTROL CIRCUIT	DF	47323A	E-347	
20327					DF	2CLA	E-347	
20328					DF	2CKL	E-346	
20329					DF	47094A	E-346	
20330					X	36729A	E-346	
20331					X	2CKL	E-346	
20332					Q	36729A	E-338	
20333					Q	2CGE	E-338	
20334					Q	36725A	E-338	
20335			2CBF1119H	MV5098 CONTROL CIRCUIT	Q	36725A	E-338	
20336					Q	2CGE	E-338	
20337					Q	36715C	E-338	
20338			2CBF1119I	MV5098 CONTROL CIRCUIT	T	37495E	E-349-1	
20339					T	JB3722	E-349-1	
20340					T	37450B	E-349-1	
20341					F	2CEC	E-335	
20342					U	37450B	E-349-3	
20343					A	37450B	E-349-2	
20344					A	2CEA	E-349-2	
20345					A	2CEB	E-335	
20346					A	2CEC	E-335	
20347					A	37450B	E-349-2	
20348					DUCT	36192B*	E-337, 342	
20349					Q	36192B	E-338	
20350					Q	JB3620	E-338, 418	
20351					Q	36192A	E-338, 418	
20352					Q	2CGE	E-338, 418	
20353					Q	36210A	E-338	
20354			2CBF1119J	MV5098 CONTROL CIRCUIT	T	37495E	E-349-1	
20355					T	JB3722	E-349-1	
20356					T	37450B	E-349-1	
20357					U	37450B	E-349-1	
20358					A	37450B	E-349-2	
20359					A	37450B	E-349-2	
20360					A	2CEA	E-349-2	
20361					A	2CEG	E-349-2	
20362					A	37518A	E-349-2	
20363					A	37755A	E-349-2	
20364					A	37755A	E-349-2	
20365			2CCCW002A	MV5098 CONTROL CIRCUIT	Q	36210A	E-338	
20366					Q	2CGE	E-338	
20367					Q	36725B	E-338	
20368			2CCCW002B	MV5098 CONTROL CIRCUIT	Q	36725A	E-338	
20369					Q	2CGE	E-338	
20370					Q	36110A	E-338	
20371					DUCT	36110B*	E-337, 339	

RACEWAY LEGEND (A) = 3-HR FIRE WRAP (B) = 1-HR FIRE WRAP (C) = RADIANT ENERGY SHIELD * = EMBEDDED CONDUIT

APPENDIX B-1

CIRCUIT/SUB-COMPONENT LOCATION SUMMARY BY SYSTEM

ID No.	SYSTEM	COMPONENT	CIRCUIT/ SUB-COMP	DESCRIPTION	FIRE AREA	RACEWAY	RACEWAY DRAWING	CHANGE NO/TYP
20371A	CCWS	CC5098	2CCCW002B	MV5098 CONTROL CIRCUIT	F	36110B*	E-337, 339	
20371B					II	36110B*	E-337, 339	
20371C					A	36110B*	E-337, 339	
20371D					G	36110B*	E-337, 339	
20371E					T	36110B*	E-337, 339	
20372					T	36110C	E-349-1	
20373					T	JT3718	E-349-1	
20374					T	37591A	E-349-1	
20375					T	JB3722	E-349-1	
20376					T	37498C	E-349-1	
20377					T	37498A	E-349-1	
20378			2CCCW002C	MV5098 CONTROL CIRCUIT	T	JT3718	E-349-1	
20379					Q	36110A	E-338	
20380					DUCT	36110B*	E-337, 339	
20380A					F	36110B*	E-337, 339	
20380B					II	36110B*	E-337, 339	
20380C					A	36110B*	E-337, 339	
20380D					G	36110B*	E-337, 339	
20380E					T	36110B*	E-337, 339	
20381					T	36110C	E-349-1	
20382					Q	36725A	E-338	
20383					Q	2CGE	E-338	
20384					T	37591A	E-349-1	
20385					T	JB3722	E-349-1	
20386					T	37498C	E-349-1	
20387					T	37498B	E-349-1	
20388			2CLR3758A	MV5098 CONTROL CIRCUIT	EE	57071B	E-414	
20389					EE	57071C	E-414	
20390					DD	2CEG	E-356-7	
20391					EE	57071E	E-414	
20392					DD	2CPR	E-356-7	
20393					DD	2CKN	E-356-7	
20394					DD	2CED	E-356-7	
20395					DD	2CKL	E-356-7, 356-1	
20396					DD	57071E	E-356-7, 356-1	
20397					A	2CEG	E-349-2	
20398					A	37755A	E-349-2	
20399					A	37755A	E-349-2	
20400			2CLR3758B	MV5098 CONTROL CIRCUIT	EE	57071D	E-414	
20401					EE	57071E	E-414	
20402					DD	57071E	E-356-7	
20403					DD	2CKL	E-356-7	
20404					DD	2CPR	E-356-7	
20405					A	37755A	E-349-2	
20406					DD	2CED	E-356-7	
20407					DD	2CEG	E-356-7	
20408					A	2CEG	E-349-2	
20409					A	37755A	E-349-2	
20410					DD	2CKN	E-356-7	
20411			2PBF1119A	MV5098 POWER CIRCUIT	DF	47342A	E-347	
20412					A	47342A	E-349-2	
20413					U	47342A	E-349-3	
20414					T	47342A	E-349-1	
20415					T	47342B	E-349-1	
20416			AD108	MV5098 CIRCUIT BREAKER (INTLK) (CH. 2)	Q		E-338	
20417			AD113	MV5098 CIRCUIT BREAKER (INTLK) (CH. 2)	Q		E-338	
20418			BF1119	MV5098 CIRCUIT BREAKER (CH. 2)	DF		E-347	
20419			C5720	MV5098 CONTROL ROOM PANEL (CH. 2)	FF		E-353	
20420			CDF-11A-2	MV5098 DISCONNECT SWITCH (CH. 2)	DF		E-347	
20421			EV5096	MV5098 TERMINAL BOX (CH. 2)	T		E-349-1	
20422			FFIS1422D	MV5098 FLOW INDICATING SWITCH	T		E-349-1	
20423			FFIS1427D	MV5098 FLOW INDICATING SWITCH	T		E-349-1	
20424			FLSLL3758B	MV5098 LEVEL SWITCH	EE		E-414	
20425			FLSLL3758C	MV5098 LEVEL SWITCH	EE		E-414	
20426			MV5098	CC HDR LINE 2 RETURN ISO VLV (CH. 2)	T		E-349-1	
20427			NV5098	MV5098 LOCAL CONTROLLER (CH. 2)	T		E-349-1	
20428			RC3608	MV5098 RELAY CABINET (CH. 2)	Q		E-338	
20429			RC3705	MV5098 RELAY CABINET (CH. 2)	A		E-349-2	
20450		E22-1	N/A	CCW HEAT EXCHANGER 1-1	T	MAN		
20455		E22-2	N/A	CCW HEAT EXCHANGER 1-2	T	MAN		
20460		E22-3	N/A	CCW HEAT EXCHANGER 1-3	T	MAN		
27303		FIS1422D	2CD2P23A	CONTROL POWER TO FIS1422D	A	JB3735	E-349-2	
27304					A	37087B	E-349-2	
27305					A	2CEA	E-349-2	
27306					DD	2CEA	E-356-7	

RACEWAY LEGEND (A) = 3-HR FIRE WRAP (B) = 1-HR FIRE WRAP (C) = RADIANT ENERGY SHIELD * = EMBEDDED CONDUIT

APPENDIX B-1

CIRCUIT/SUB-COMPONENT LOCATION SUMMARY BY SYSTEM

ID No.	SYSTEM	COMPONENT	CIRCUIT/ SUB-COMP	DESCRIPTION	FIRE AREA	RACEWAY	RACEWAY DRAWING	CHANGE NO/TYP
27307	CCWS	FIS1422D	2CD2P23A	CONTROL POWER TO FIS1422D	DD	2CLA	E-356-7	
27308					DD	2CPR	E-356-7	
27309					DD	2CKM	E-356-7	
27310					DF	2CKM	E-346, 347	
27311					X	2CKM	E-346	
27312					X	46805A	E-346	
27313			2CD2P23B	CONTROL POWER TO FIS1427D	T	37074D	E-349-1	
27314					T	37074C	E-349-1	
27315					T	37074B	E-349-1	
27350			2CD2P23D	CONTROL POWER TO FIS1422D	T	JB3722	E-349-1	
27351					T	37087A	E-349-1	
27352					U	37087A	E-349-3	
27353					A	37087A	E-349-2	
27354					A	37087A	E-349-2	
27355					A	JB3735	E-349-2	
27298			2CD2P23E	CONTROL POWER TO FIS1422D	T	JB3722	E-349-1	
27299					T	37074A	E-349-1	
27300					T	37074B	E-349-1	
27361A			FIS1422D	P43-2 FLOW INDICATING SWITCH	T		E-349-1	A
26825		FIS1427C	1CD1P23A	CONTROL POWER TO JT3720	T	37073A	E-349-1	
26825A					T	JB3715	E-349-1	
26825B					T	37481A	E-349-1	
26825C					G	37481A	E-335	
26825D					A	37481A	E-335	
26825E					A	1CEA	E-335	
26825F					E	1CEA	E-335	
26825G					DUCT	36090B*	E-337, 342	
26825H					S	36090B	E-338	
26825I					S	JB3607	E-338, 418	
26825J					S	36090A	E-338, 418	
26825K					S	1CGC	E-338	
26825L					S	36356B	E-338	
26825M					Y	36356B	E-346	
26825N					Y	46615A	E-346	
26825O					Y	1CKA	E-346	
26825R			1CD1P23C	CONTROL POWER TO FIS1432C	T	37073E	E-349-1	
26825S					T	37073D	E-349-1	
28825U			FIS1427C	P43-1 FLOW INDICATING SWITCH	T		E-349-1	A
27317F		FIS1427D	2CD2P23A	CONTROL POWER TO FIS1422D	A	37087B	E-349-2	
27317G					A	37087B	E-349-2	
27317H					A	2CEA	E-349-2	
27317I					DD	2CEA	E-356-7	
27317J					DD	2CLA	E-356-7	
27317K					DD	2CPR	E-356-7	
27317L					DD	2CKM	E-356-7	
27317M					DF	2CKM	E-346, 347	
27317N					X	2CKM	E-346	
27317O					X	46805A	E-346	
27317P			2CD2P23B	CONTROL POWER TO FIS1422D	T	37074D	E-349-1	
27317Q					T	37074C	E-349-1	
27317R					T	37074B	E-349-1	
27317U			2CD2P23D	CONTROL POWER TO FIS1422D	T	JB3722	E-349-1	
27317V					T	37087A	E-349-1	
27317W					U	37087A	E-349-3	
27317X					A	37087A	E-349-2	
27317Y					A	37087A	E-349-2	
27317Z					A	JB3735	E-349-2	
27317A			2CD2P23E	CONTROL POWER TO FIS1422D	T	JB3722	E-349-1	
27317B					T	37074A	E-349-1	
27317C					T	37074B	E-349-1	
27318			FIS1427D	P43-2 FLOW INDICATING SWITCH	T		E-349-1	A
26826		FIS1432C	1CD1P23A	CONTROL POWER TO JT3720	T	37073A	E-349-1	
26826A					T	JB3715	E-349-1	
26826B					T	37481A	E-349-1	
26826C					G	37481A	E-335	
26826D					A	37481A	E-335	
26826E					A	1CEA	E-335	
26826F					E	1CEA	E-335	
26826G					DUCT	36090B*	E-337, 342	
26826H					S	36090B	E-338	
26826I					S	JB3607	E-338, 418	
26826J					S	36090A	E-338, 418	
26826K					S	1CGC	E-338	
26826L					S	36356B	E-338	
26826M					Y	36356B	E-346	
26826N					Y	46615A	E-346	

RACEWAY LEGEND (A) = 3-HR FIRE WRAP (B) = 1-HR FIRE WRAP (C) = RADIANT ENERGY SHIELD * = EMBEDDED CONDUIT

APPENDIX B-1

CIRCUIT/SUB-COMPONENT LOCATION SUMMARY BY SYSTEM

ID No.	SYSTEM	COMPONENT	CIRCUIT/ SUB-COMP	DESCRIPTION	FIRE AREA	RACEWAY	RACEWAY DRAWING	CHANGE NO/TYP
26826O	CCWS	FIS1432C	1CD1P23A	CONTROL POWER TO JT3720	Y	1CKA	E-346	
26826R			1CD1P23C	CONTROL POWER TO FIS1432C	T	37073E	E-349-1	
26826S					T	37073D	E-349-1	
26826U			FIS1432C	P43-1 FLOW INDICATING SWITCH	T		E-349-1	A
20500		P43-1	1CAC113B	MP0431 CONTROL CIRCUIT	FF	1CP16A	E-356-8	
20501					DD	1CP16A	E-356-8	
20502					DD	1CPL	E-356-6, 356-1	
20503					DD	27111C	E-356-6, 356-1	
20504					DD	27111B*	E-339, 344,355	
20504A					II	27111B*	E-339, 344, 355	
20504B					CC	27111B*	E-339, 344, 355	
20504C					II	27111A*	E-333, 339	
20504D					UU	27111A*	E-333, 339	
20505					A	27111A*	E-333, 339	
20506					A	27111A	E-333	
20507					A	27111	E-335	
20508					A	1CEA	E-335	
20509					E	1CEA	E-335	
20510					DUCT	36080B*	E-337, 342	
20511					S	36080B	E-338	
20512					S	JB3607	E-338, 418	
20513					S	36080A	E-338, 418	
20514					S	1CGC	E-338, 418	
20515					S	36525A	E-338	
20516					S	1CGZ	E-338	
20517			1CAC113C	MP0431 CONTROL CIRCUIT	FF	1CP16A	E-356-8	
20518					DD	1CP16A	E-356-8	
20519					DD	1CPL	E-356-1, 356-6	
20520					DD	27111C	E-356-1, 356-6	
20521					DD	27111B*	E-343, 344,355	
20521A					II	27111B*	E-339, 344, 355	
20521B					CC	27111B*	E-339, 344, 355	
20521C					II	27111A*	E-333, 339	
20521D					UU	27111A*	E-333, 339	
20522					A	27111A*	E-333, 339	
20523					A	27111A	E-333	
20524					A	27111	E-335	
20525					A	1CEA	E-335	
20526					E	1CEA	E-335	
20527					DUCT	36080B*	E-337, 342	
20528					S	36080B	E-338	
20529					S	JB3607	E-338, 418	
20530					S	36080A	E-338, 418	
20531					S	1CGC	E-338, 418	
20532					S	36525A	E-338	
20533					S	1CGZ	E-338	
20545			1CAC113E	MP0431 CONTROL CIRCUIT	FF	1CP63C	E-356-8	
20546					DD	1CP63C	E-356-8	
20547					DD	1CPL	E-356-6, 356-1	
20548					DD	27111C	E-356-6, 356-1	
20549					A	27111	E-335	
20549A					DD	27111B*	E-339, 344, 355	
20549B					II	27111B*	E-339, 344, 355	
20549C					CC	27111B*	E-339, 344, 355	
20549D					II	27111A*	E-333, 339	
20549E					UU	27111A*	E-333, 339	
20549F					A	27111A*	E-333, 339	
20550					A	1CEA	E-335	
20551					E	1CEA	E-335	
20552					DUCT	36080B*	E-337, 342	
20553					S	36080B	E-338	
20554					S	JB3607	E-338, 418	
20555					S	36080A	E-338, 418	
20556					S	1CGC	E-338, 418	
20557					S	36525A	E-338	
20558					S	1CGZ	E-338	
20559			1CAC113F	MP0431 CONTROL CIRCUIT	S	36515A	E-338	
20560					S	36525A	E-338	
20561					S	1CGZ	E-338	
20584			1CAC113M	MP0431 CONTROL CIRCUIT	S	36209A	E-338	
20585					S	36525A	E-338	
20586					S	1CGZ	E-338	
20587			1CAC113N	MP0431 CONTROL CIRCUIT	S	36501A	E-338	
20588					S	36525A	E-338	
20589					S	1CGZ	E-338	
20590			1CAC113O	MP0431 CONTROL CIRCUIT	K	36964A	E-338	
20591					K	36040C	E-338	
20592					K	1CGP	E-338	

RACEWAY LEGEND (A) = 3-HR FIRE WRAP (B) = 1-HR FIRE WRAP (C) = RADIANT ENERGY SHIELD * = EMBEDDED CONDUIT

APPENDIX B-1

CIRCUIT/SUB-COMPONENT LOCATION SUMMARY BY SYSTEM

ID No.	SYSTEM	COMPONENT	CIRCUIT/ SUB-COMP	DESCRIPTION	FIRE AREA	RACEWAY	RACEWAY DRAWING	CHANGE NO/TYP
20593	CCWS	P43-1	1CAC113O	MP0431 CONTROL CIRCUIT	K	JB3637	E-338	
20594					DUCT	36040B*	E-341, 337	
20595					S	36040A	E-337	
20596					S	1CGC	E-337	
20597					S	36525A	E-338	
20598					S	1CGZ	E-338	
20599			1CCCW001A	MP0431 CONTROL CIRCUIT	S	36525B	E-338	
20600					S	36209A	E-338	
20601					S	1CGZ	E-338	
20602			1CCCW001B	MP0431 CONTROL CIRCUIT	T	37499A	E-349-1	
20603					T	37499C	E-349-1	
20604					T	JB3721	E-349-1	
20605					T	37590A	E-349-1	
20606					T	JB3715	E-349-1	
20607					T	36010C	E-349-1	
20608					T	36010B*	E-337, 339	
20608A					G	36010B*	E-337, 339	
20608B					A	36010B*	E-337, 339	
20608C					E	36010B*	E-337, 339	
20608D					II	36010B*	E-337, 339	
20608E					DUCT	36010B*	E-337, 339	
20609					S	36010A	E-338	
20610					S	1CGC	E-338	
20611					S	36525A	E-338	
20612					S	1CGZ	E-338	
20613			1CCCW001C	MP0431 CONTROL CIRCUIT	T	37499B	E-349-1	
20614					T	37499C	E-349-1	
20615					T	JB3721	E-349-1	
20616					T	37590A	E-349-1	
20617					T	JB3715	E-349-1	
20618					T	36010C	E-349-1	
20619					T	36010B*	E-337, 339	
20619A					G	36010B*	E-337, 339	
20619B					A	36010B*	E-337, 339	
20619C					E	36010B*	E-337, 339	
20619D					II	36010B*	E-337, 339	
20619E					DUCT	36010B*	E-337, 339	
20620					S	36010A	E-338	
20621					S	1CGC	E-338	
20622					S	36525A	E-338	
20623					S	1CGZ	E-338	
20624			1PAC113A	MP0431 POWER CIRCUIT	S	36011A	E-337	
20625					T	36011A*	E-337, 339	
20625A					G	36011A*	E-337, 339	
20625B					A	36011A*	E-337, 339	
20625C					E	36011A*	E-337, 339	
20625D					II	36011A*	E-337, 339	
20625E					DUCT	36011A*	E-337, 339	
20626					T	36011A	E-339	
20627			AC101	MP0431 CIRCUIT BREAKER (INTLK) (CH. 1)	S		E-338	
20628			AC108	MP0431 CIRCUIT BREAKER (INTLK) (CH. 1)	S		E-338	
20629			AC113	MP0431 CIRCUIT BREAKER (CH. 1)	S		E-338	
20630			C3615	EDG 1-1 ELECT CONTROL & RELAY PANEL	K		E-338	
20631			C5716	MP0431 CONTROL ROOM PANEL (CH. 1)	FF		E-353	
20632			C5763C	MP0431 CONTROL ROOM PANEL (CH. 1)	FF		E-353	
20634			FFIS1427C	MP0431 FLOW INDICATING SWITCH	T		E-349-1	
20635			FFIS1432C	MP0431 FLOW INDICATING SWITCH	T		E-349-1	
20637			MP0431	COMPONENT COOLING WATER PUMP 1 (CH. 1)	T		E-349-1	
20639			RC3607	MP0431 RELAY CABINET (CH. 1)	S		E-338	
20700		P43-2	2CAD113B	MP0432 CONTROL CIRCUIT	FF	2CP16C	E-356-8	
20701					DD	2CP16C	E-356-8	
20702					DD	2CPN	E-356-7	
20703					DD	2CPP	E-356-7	
20704					DD	2CEA	E-356-7	
20705					A	2CEA	E-335, 349-2	
20706					A	2CEB	E-335	
20707					A	2CEC	E-335	
20708					F	2CEC	E-335	
20709					DUCT	36186B*	E-337, 342	
20710					Q	36186B	E-338	
20711					Q	JB3620	E-338, 418	
20712					Q	36186A	E-338, 418	
20713					Q	36725A	E-338	
20714					Q	2CGE	E-338	
20715			2CAD113C	MP0432 CONTROL CIRCUIT	FF	2CP16C	E-356-8	
20716					DD	2CP16C	E-356-8	
20717					DD	2CPN	E-356-7	
20718					DD	2CPP	E-356-7	

RACEWAY LEGEND (A) = 3-HR FIRE WRAP (B) = 1-HR FIRE WRAP (C) = RADIANT ENERGY SHIELD * = EMBEDDED CONDUIT

APPENDIX B-1

CIRCUIT/SUB-COMPONENT LOCATION SUMMARY BY SYSTEM

ID No.	SYSTEM	COMPONENT	CIRCUIT/ SUB-COMP	DESCRIPTION	FIRE AREA	RACEWAY	RACEWAY DRAWING	CHANGE NO/TYP
20719	CCWS	P43-2	2CAD113C	MP0432 CONTROL CIRCUIT	DD	2CEA	E-356-7	
20720					A	2CEA	E-335, 349-2	
20721					A	2CEB	E-335	
20722					A	2CEC	E-335	
20723					F	2CEC	E-335	
20724					DUCT	36186B*	E-337, 342	
20725					Q	36186B	E-338	
20726					Q	JB3620	E-338, 418	
20727					Q	36186A	E-338, 418	
20728					Q	36725A	E-338	
20729					Q	2CGE	E-338	
20736			2CAD113E	MP0432 CONTROL CIRCUIT	FF	2CP56C	E-424	
20737					DD	2CP56C	E-424	
20738					DD	2CPN	E-356-7	
20739					DD	2CPP	E-356-7	
20740					DD	2CEA	E-356-7	
20741					A	2CEA	E-335, 349-2	
20742					A	2CEB	E-335	
20743					A	2CEC	E-335	
20744					F	2CEC	E-335	
20745					DUCT	36186B*	E-337, 342	
20746					Q	36186B	E-338	
20747					Q	JB3620	E-338, 418	
20748					Q	36186A	E-338, 418	
20749					Q	36725A	E-338	
20750					Q	2CGE	E-338	
20751			2CAD113F	MP0432 CONTROL CIRCUIT	Q	36715A	E-338	
20752					Q	36725A	E-338	
20753					Q	2CGE	E-338	
20775			2CAD113M	MP0432 CONTROL CIRCUIT	Q	36210A	E-338	
20776					Q	36725A	E-338	
20777					Q	2CGE	E-338	
20778			2CAD113N	MP0432 CONTROL CIRCUIT	Q	36701A	E-338	
20779					Q	36725A	E-338	
20780					Q	2CGE	E-338	
20781			2CAD113O	MP0432 CONTROL CIRCUIT	J	36919B	E-338	
20782					J	2CGS	E-338	
20783					J	36170C	E-338	
20784					DUCT	36170B*	E-337	
20785					Q	36170A	E-338	
20786					Q	36725A	E-338	
20787					Q	2CGE	E-338	
20788			2CCCW002A	MP0432 CONTROL CIRCUIT	Q	36725B	E-338	
20789					Q	36210A	E-338	
20790					Q	2CGE	E-338	
20791			2CCCW002B	MP0432 CONTROL CIRCUIT	T	37498A	E-349-1	
20792					T	37498C	E-349-1	
20793					T	JB3722	E-349-1	
20794					T	37591A	E-349-1	
20795					T	JT3718	E-349-1	
20796					T	36110C	E-349-1	
20797					T	36110B*	E-337, 339	
20797A					G	36110B*	E-337, 339	
20797B					A	36110B*	E-337, 339	
20797C					II	36110B*	E-337, 339	
20797D					F	36110B*	E-337, 339	
20797E					DUCT	36110B*	E-337, 339	
20798					Q	36110A	E-338	
20799					Q	36725A	E-338	
20800					Q	2CGE	E-338	
20801			2CCCW002C	MP0432 CONTROL CIRCUIT	T	37498B	E-349-1	
20802					T	37498C	E-349-1	
20803					T	JB3722	E-349-1	
20804					T	37591A	E-349-1	
20805					T	JT3718	E-349-1	
20806					T	36110C	E-349-1	
20807					T	36110B*	E-337, 339	
20807A					G	36110B*	E-337, 339	
20807B					A	36110B*	E-337, 339	
20807C					II	36110B*	E-337, 339	
20807D					F	36110B*	E-337, 339	
20807E					DUCT	36110B*	E-337, 339	
20808					Q	36110A	E-338	
20809					Q	36725A	E-338	
20810					Q	2CGE	E-338	
20811			2PAD113A	MP0432 CONTROL CIRCUIT	Q	36111A	E-338	
20812					DUCT	36111A*	E-339, 337	
20812A					F	36111A*	E-337, 339	
20812B					II	36111A*	E-337, 339	

RACEWAY LEGEND (A) = 3-HR FIRE WRAP (B) = 1-HR FIRE WRAP (C) = RADIANT ENERGY SHIELD * = EMBEDDED CONDUIT

APPENDIX B-1

CIRCUIT/SUB-COMPONENT LOCATION SUMMARY BY SYSTEM

ID No.	SYSTEM	COMPONENT	CIRCUIT/ SUB-COMP	DESCRIPTION	FIRE AREA	RACEWAY	RACEWAY DRAWING	CHANGE NO/TYP
20812C	CCWS	P43-2	2PAD113A	MP0432 CONTROL CIRCUIT	A	36111A*	E-337, 339	
20812D					G	36111A*	E-337, 339	
20812E					T	36111A*	E-337, 339	
20813					T	36111A	E-339	
20814			AD101	MP0432 CIRCUIT BREAKER (INTLK) (CH. 2)	Q		E-338	
20815			AD108	MP0432 CIRCUIT BREAKER (INTLK) (CH. 2)	Q		E-338	
20816			AD113	MP0432 CIRCUIT BREAKER (CH. 2)	Q		E-338	
20817			C3616	MP0432 ELEC CTRL & RLY BD (CH. 2)	J		E-338	
20818			C5716	MP0432 CONTROL ROOM PANEL (CH. 2)	FF		E-353	
20819			C5756C	MP0432 CONTROL ROOM PANEL (CH. 2)	FF		E-353	
20820			FFIS1422D	MP0432 FLOW INDICATING SWITCH	T		E-349-1	
20821			FFIS1427D	MP0432 FLOW INDICATING SWITCH	T		E-349-1	
20824			JT3718	MP0432 TERMINAL BOX (CH. 2)	T		E-349-1	
20825			MP0432	COMPONENT COOLING WATER PUMP 2 (CH. 2)	T		E-349-1	
20827			RC3608	MP0432 RELAY CABINET (CH. 2)	Q		E-338	
20900		P43-3	1CAC108B	MP0433 CONTROL CIRCUIT	FF	1CP16A	E-356-8	
20901					DD	1CP16A	E-356-8	
20902					DD	1CPL	E-356-6, 356-1	
20903					DD	27111C	E-356-6, 356-1	
20904					DD	27111B*	E-339, 344,356	
20904A					II	27111B*	E-339, 344, 356	
20904B					CC	27111B*	E-339, 344, 356	
20905					II	27111A*	E-333, 339	
20905A					UU	27111A*	E-333, 339	
20905B					A	27111A*	E-333, 339	
20906					A	27111A	E-333	
20907					A	27111	E-335	
20908					A	1CEA	E-335	
20909					E	1CEA	E-335	
20910					DUCT	36080B*	E-337, 342	
20911					S	36080B	E-338	
20912					S	JB3607	E-338, 418	
20913					S	36080A	E-338, 418	
20914					S	1CGC	E-338, 418	
20915					S	36515A	E-338	
20916					S	1CGZ	E-338	
20917			1CAC108C	MP0433 CONTROL CIRCUIT	DD	27111B*	E-339, 344,356	
20917A					II	27111B*	E-339, 344, 356	
20917B					CC	27111B*	E-339, 344, 356	
20918					II	27111A*	E-333, 339	
20918A					UU	27111A*	E-333, 339	
20918B					A	27111A*	E-333, 339	
20919					A	27111A	E-333	
20920					FF	1CP16A	E-356-8	A
20921					DD	1CP16A	E-356-8	A
20922					DD	1CPL	E-356-6	A
20923					DD	27111C	E-356-6	A
20924					A	27111	E-335	A
20925					A	1CEA	E-335	A
20926					E	1CEA	E-335	A
20927					DUCT	36080B*	E-337, 342	A
20928					S	36080B	E-338	A
20929					S	JB3607	E-338, 418	A
20930					S	36080A	E-338, 418	A
20931					S	1CGC	E-338, 418	A
20932					S	36515A	E-337	A
20933					S	1CGZ	E-338	A
20934			1CAC108D	MP0433 CONTROL CIRCUIT	R	36310A	E-338	D
20935					S	36310A	E-338	D
20936					S	1CGC	E-338	D
20937					S	36515A	E-338	D
20938					S	1CGZ	E-338	D
20987			1CAC108H	MP0433 CONTROL CIRCUIT	FF	1CP63C	E-356-8	
20988					DD	1CP63C	E-356-8	
20989					DD	1CPL	E-356-1, 356-6	
20990					DD	27111C	E-356-1, 356-6	
20991					DD	27111B*	E-339, 344,356	
20991A					II	27111B*	E-339, 344, 356	
20991B					CC	27111B*	E-339, 344, 356	
20992					II	27111A*	E-333, 339	
20992A					UU	27111B*	E-333, 339	
20992B					A	27111B*	E-333, 339	
20993					A	27111A	E-333	
20994					A	27111	E-335	
20995					A	1CEA	E-335	
20996					E	1CEA	E-335	
20997					DUCT	36080B*	E-337, 342	
20998					S	36080B	E-338	

RACEWAY LEGEND (A) = 3-HR FIRE WRAP (B) = 1-HR FIRE WRAP (C) = RADIANT ENERGY SHIELD * = EMBEDDED CONDUIT

APPENDIX B-1

CIRCUIT/SUB-COMPONENT LOCATION SUMMARY BY SYSTEM

ID No.	SYSTEM	COMPONENT	CIRCUIT/ SUB-COMP	DESCRIPTION	FIRE AREA	RACEWAY	RACEWAY DRAWING	CHANGE NO/TYP
20999	CCWS	P43-3	1CAC108H	MP0433 CONTROL CIRCUIT	S	JB3607	E-338, 418	
21000					S	36080A	E-338, 418	
21001					S	1CGC	E-338, 418	
21002					S	36515B	E-338	
21003					S	1CGZ	E-338	
21004			1CAC108I	MP0433 CONTROL CIRCUIT	A	27111A	E-333	
21005					FF	1CP15A	E-356-8	
21006					DD	1CP15A	E-356-8	
21007					DD	1CPL	E-356-6, 356-1	
21008					DD	27111C	E-356-6, 356-1	
21009					DD	27111B*	E-339, 344,356	
21009A					II	27111B*	E-344, 339, 356	
21009B					CC	27111B*	E-344, 339, 356	
21010					II	27111A*	E-333, 339	
21010A					UU	27111A*	E-333, 339	
21010B					A	27111A*	E-333, 339	
21011					A	27111	E-335	
21012					A	1CEA	E-335	
21013					E	1CEA	E-335	
21014					DUCT	36080B*	E-337, 342	
21015					S	36080B	E-338	
21016					S	JB3607	E-338, 418	
21017					S	36080A	E-338, 418	
21018					S	1CGC	E-338, 418	
21019					S	36515A	E-338	
21020					S	1CGZ	E-338	
21021			1CAC108J	MP0433 CONTROL CIRCUIT	K	36964A	E-338	
21022					K	36040C	E-338	
21023					K	1CGP	E-338	
21023A					K	JB3637	E-338	
21024					DUCT	36040B*	E-337	
21025					S	36040A	E-338	
21026					S	1CGC	E-338	
21027					S	36515C	E-338	
21028					S	1CGZ	E-338	
21029			1CAC108K	MP0433 CONTROL CIRCUIT	T	37499A	E-349-1	
21030					T	37499C	E-349-1	
21031					T	JB3721	E-349-1	
21032					T	37593A	E-349-1	
21033					UU	37593A	E-349-1	
21034					A	37593A	E-335	
21035					A	1CEC	E-335	
21036					E	1CEC	E-335	
21037					DUCT	36090B*	E-337, 342	
21038					S	36090B	E-338	
21039					S	JB3607	E-338, 418	
21040					S	36090A	E-338, 418	
21041					S	1CGC	E-338, 418	
21042					S	36515D	E-338	
21043					S	1CGZ	E-338	
21044			1CAC108L	MP0433 CONTROL CIRCUIT	S	36525A	E-338	
21045					S	36515C	E-338	
21046					S	1CGZ	E-338	
21047			1CAC108M	MP0433 CONTROL CIRCUIT	S	36501A	E-338	
21048					S	36515C	E-338	
21049					S	1CGZ	E-338	
21053			1CACD2B	MP0433 CONTROL CIRCUIT	S	36515A	E-338	
21054					S	1CGZ	E-338	
21055					S	36310A	E-338	
21056					S	1CGC	E-338	
21057					R	36310A	E-338	
21058			1CACD2C	MP0433 CONTROL CIRCUIT	FF	1CP15A	E-356-8	
21059					DD	1CP15A	E-356-8	
21060					DD	1CPL	E-356-6, 356-1	
21061					DD	27111C	E-356-6, 356-1	
21062					DD	27111B*	E-339, 344,355	
21062A					II	27111B*	E-339, 344, 355	
21062B					CC	27111B*	E-339, 344, 355	
21063					II	27111A*	E-333, 339	
21063A					UU	27111A*	E-333, 339	
21063B					A	27111A*	E-333, 339	
21064					A	27111A	E-333	
21065					A	27111	E-335	
21066					A	1CEA	E-335	
21067					E	1CEA	E-335	
21068					DUCT	36083B*	E-337, 342	
21069					S	36083B	E-338	
21070					S	JB3607	E-338, 418	
21071					S	36083A	E-338, 418	

RACEWAY LEGEND (A) = 3-HR FIRE WRAP (B) = 1-HR FIRE WRAP (C) = RADIANT ENERGY SHIELD * = EMBEDDED CONDUIT

APPENDIX B-1

CIRCUIT/SUB-COMPONENT LOCATION SUMMARY BY SYSTEM

ID No.	SYSTEM	COMPONENT	CIRCUIT/ SUB-COMP	DESCRIPTION	FIRE AREA	RACEWAY	RACEWAY DRAWING	CHANGE NO/TYP
21071A	CCWS	P43-3	1CACD2C	MP0433 CONTROL CIRCUIT	S	1CGC	E-338	
21072					S	36515B	E-338	
21073					S	1CGZ	E-338	
21074			1CACD2F	MP0433 CONTROL CIRCUIT	S	36515D	E-338	
21075					S	1CGZ	E-338	
21076					S	36310A	E-338	
21077					S	1CGC	E-338	
21078					R	36310A	E-338	
20934A			1CACD2G	MP0433 CONTROL CIRCUIT	R	36310A	E-338	A
20935A					S	36310A	E-338	A
20936A					S	1CGC	E-338	A
20937A					S	36515A	E-338	A
20938A					S	1CGZ	E-338	A
21079			1PAC108A	MP0433 POWER TO ACD2 CIRCUIT	R	36307A	E-338	
21080					S	36307A	E-338	
21246A			1PD1P06A	CONTROL POWER TO TRANSFER SWGR-2 ACD2	R	46198C	E-338	
21246B					R	46198A	E-338	
21246C					S	46198A	E-338	
21246D					Y	46198A	E-346	
21081			2CACD3B	MP0433 CONTROL CIRCUIT	R	36411A	E-338	
21082					Q	36411A	E-338	
21083					Q	2CGE	E-338	
21084					Q	36715A	E-338	
21096			2CACD3C	MP0433 CONTROL CIRCUIT	A	2CEB	E-335	
21097					FF	2CP15C	E-356-8	
21098					DD	2CP15C	E-356-8	
21099					DD	2CPN	E-356-7	
21100					DD	2CPP	E-356-7	
21101					DD	2CEA	E-356-7	
21102					A	2CEA	E-335, 349-2	
21103					A	2CEC	E-335	
21104					F	2CEC	E-335	
21105					DUCT	36192B*	E-337, 342	
21106					Q	36192B	E-338	
21107					Q	JB3620	E-338, 418	
21108					Q	36192A	E-338, 418	
21109					Q	2CGE	E-338	
21110					Q	36715A	E-338	
21111			2CACD3F	MP0433 CONTROL CIRCUIT	Q	36715D	E-338	
21113					Q	2CGE	E-338	
21113A					Q	36411A	E-338	
21113B					R	36411A	E-338	
21144A			2CACD3G	MP0433 CONTROL CIRCUIT	R	36411A	E-338	A
21145A					Q	36411A	E-338	A
21146A					Q	36411A	E-338	A
21147A					Q	2CGE	E-338	A
21114			2CAD108B	MP0433 CONTROL CIRCUIT	FF	2CP16C	E-356-8	
21115					DD	2CP16C	E-356-8	
21116					DD	2CPN	E-356-7	
21117					DD	2CPP	E-356-7	
21118					DD	2CEA	E-356-7	
21119					A	2CEA	E-335, 349-2	
21120					A	2CEB	E-335	
21121					A	2CEC	E-335	
21122					F	2CEC	E-335	
21123					DUCT	36186B*	E-337, 342	
21124					Q	36186B	E-338	
21125					Q	JB3620	E-338, 418	
21126					Q	36186A	E-338, 418	
21127					Q	36715A	E-338	
21128					Q	2CGE	E-338	
21129			2CAD108C	MP0433 CONTROL CIRCUIT	FF	2CP16C	E-356-8	
21130					DD	2CP16C	E-356-8	
21131					DD	2CPN	E-356-7	
21132					DD	2CPP	E-356-7	
21133					DD	2CEA	E-356-7	
21134					A	2CEA	E-335, 349-2	
21135					A	2CEB	E-335	
21136					A	2CEC	E-335	
21137					F	2CEC	E-335	
21138					DUCT	36186B*	E-337, 342	
21139					Q	36186B	E-338	
21140					Q	JB3620	E-338, 418	
21141					Q	36186A	E-338, 418	
21142					Q	36715A	E-338	
21143					Q	2CGE	E-338	
21144			2CAD108D	MP0433 CONTROL CIRCUIT	R	36411A	E-338	14 D
21145					Q	36411A	E-338	14 D
21146					Q	36715A	E-338	14 D

RACEWAY LEGEND (A) = 3-HR FIRE WRAP (B) = 1-HR FIRE WRAP (C) = RADIANT ENERGY SHIELD * = EMBEDDED CONDUIT

APPENDIX B-1

CIRCUIT/SUB-COMPONENT LOCATION SUMMARY BY SYSTEM

ID No.	SYSTEM	COMPONENT	CIRCUIT/ SUB-COMP	DESCRIPTION	FIRE AREA	RACEWAY	RACEWAY DRAWING	CHANGE NO/TYP
21147	CCWS	P43-3	2CAD108D	MP0433 CONTROL CIRCUIT	Q	2CGE	E-338	14 D
21182			2CAD108H	MP0433 CONTROL CIRCUIT	A	2CEB	E-335	
21183					FF	2CP56C	E-424	
21184					DD	2CP56C	E-424	
21185					DD	2CPN	E-356-7	
21186					DD	2CPP	E-356-7	
21187					DD	2CEA	E-356-7	
21188					A	2CEA	E-335, 349-2	
21189					A	2CEC	E-335	
21190					F	2CEC	E-335	
21191					DUCT	36186B*	E-337, 342	
21192					Q	36186B	E-338	
21193					Q	JB3620	E-338, 418	
21194					Q	36186A	E-338, 418	
21195					Q	36715B	E-338	
21196					Q	2CGE	E-338	
21197			2CAD108I	MP0433 CONTROL CIRCUIT	FF	2CP15C	E-356-8	
21198					DD	2CP15C	E-356-8	
21199					DD	2CPN	E-356-7	
21200					DD	2CPP	E-356-7	
21201					DD	2CEA	E-356-7	
21202					A	2CEA	E-335, 349-2	
21203					A	2CEB	E-335	
21204					A	2CEC	E-335	
21205					F	2CEC	E-335	
21206					DUCT	36186B*	E-337, 342	
21207					Q	36186B	E-338	
21208					Q	JB3620	E-338, 418	
21209					Q	36186A	E-338, 418	
21210					Q	36715B	E-338	
21211					Q	2CGE	E-338	
21212			2CAD108J	MP0433 CONTROL CIRCUIT	J	36170C	E-338	
21213					J	2CGS	E-338	
21214					J	36919B	E-338	
21215					DUCT	36170B*	E-337	
21216					Q	36170A	E-338	
21217					Q	36715C	E-338	
21218					Q	2CGE	E-338	
21220			2CAD108K	MP0433 CONTROL CIRCUIT	T	37498A	E-349-1	
21221					T	37498C	E-349-1	
21222					T	JB3722	E-349-1	
21223					T	37591B	E-349-1	
21224					T	JT3718	E-349-1	
21225					T	37480A	E-349-1	
21226					T	JB3716	E-349-1	
21227					T	36204C	E-349-1	
21228					T	36204B*	E-337, 339	
21228A					G	36204B*	E-337, 339	
21228B					A	36204B*	E-337, 339	
21228C					II	36204B*	E-337, 339	
21228D					F	36204B*	E-337, 339	
21228E					DUCT	36204B*	E-337, 339	
21228F					R	36204A (A)	E-337, 338	
21229					Q	JB3620	E-338	
21230					Q	36204A	E-338	
21231					Q	36715D	E-338	
21232					Q	2CGE	E-338	
21233			2CAD108L	MP0433 CONTROL CIRCUIT	Q	36725A	E-338	
21234					Q	36715C	E-338	
21235					Q	2CGE	E-338	
21236			2CAD108M	MP0433 CONTROL CIRCUIT	Q	36701A	E-338	
21237					Q	36715C	E-338	
21238					Q	2CGE	E-338	
21242			2PAD108A	MP0433 POWER TO ACD3 CIRCUIT	R	36407A	E-338	
21243					Q	36407A	E-338	
21246E			2PD2P06A	CONTROL POWER TO TRANSFER SWGR 3-ACD3	R	36342B	E-338	
21246F					R	36342A	E-338	
21246G					Q	36342A	E-338	
21246H					Q	JB3640	E-338	
21246I					Q	46823B	E-338	
21246J					X	46823B	E-346	
21244			3PACD1A	MP0433 POWER CIRCUIT	R	36203A	E-337, 338	
21245					DUCT	36203A*	E-337, 339	
21245A					F	36203A*	E-337, 339	
21245B					II	36203A*	E-337, 339	
21245C					A	36203A*	E-337, 339	
21245D					G	36203A*	E-337, 339	
21245E					T	36203A*	E-337, 339	
21246					T	36203A	E-339	

RACEWAY LEGEND (A) = 3-HR FIRE WRAP (B) = 1-HR FIRE WRAP (C) = RADIANT ENERGY SHIELD * = EMBEDDED CONDUIT

APPENDIX B-1

CIRCUIT/SUB-COMPONENT LOCATION SUMMARY BY SYSTEM

ID No.	SYSTEM	COMPONENT	CIRCUIT/ SUB-COMP	DESCRIPTION	FIRE AREA	RACEWAY	RACEWAY DRAWING	CHANGE NO/TYP
21247	CCWS	P43-3	AC101	MP0433 CIRCUIT BREAKER (INTLK)	S		E-338	
21248			AC108	MP0433 CIRCUIT BREAKER (CH. 1)	S		E-338	
21249			AC113	MP0433 CIRCUIT BREAKER (INTLK) (CH. 1)	S		E-338	
21250			ACD1	MP0433 TRANSFER SWITCH (CH. 3)	R		E-338	
21251			ACD2	MP0433 TRANSFER SWITCH (CH. 1)	R		E-338	
21252			ACD3	MP0433 TRANSFER SWITCH (CH. 2)	R		E-338	
21253			AD101	MP0433 CIRCUIT BREAKER INTLK	Q		E-338	
21254			AD108	MP0433 CIRCUIT BREAKER (CH. 2)	Q		E-338	
21255			AD113	MP0433 CIRCUIT BREAKER (INTLK) (CH. 2)	Q		E-338	
21256			C3615	EDG 1-1 ELECT CONTROL & RELAY PANEL	K		E-338	
21257			C3616	MP0433 ELECT CTRL & RLY BD (CH. 2)	J		E-338	
21258			C5715	MP0433 CONTROL ROOM PANEL (CH. 1/2)	FF		E-353	
21259			C5716	MP0433 CONTROL ROOM PANEL (CH. 1/2)	FF		E-353	
21260			C5756C	MP0433 CONTROL ROOM PANEL (CH. 2)	FF		E-353	
21261			C5763C	MP0433 CONTROL ROOM PANEL (CH. 1)	FF		E-353	
21262			FFIS1422D	MP0433 FLOW INDICATING SWITCH (CH. 2)	T		E-349-1	
21263			FFIS1427C	MP0433 FLOW INDICATING SWITCH (CH. 1)	T		E-349-1	
21264			FFIS1427D	MP0433 FLOW INDICATING SWITCH (CH. 2)	T		E-349-1	
21265			FFIS1432C	MP0433 FLOW INDICATING SWITCH (CH. 1)	T		E-349-1	
21268			MP0433	COMPONENT COOLING WATER PUMP 3	T		E-349-1	
21271			RC3607	MP0433 RELAY CABINET (CH. 1)	S		E-338	
21272			RC3608	MP0433 RELAY CABINET (CH. 2)	Q		E-338	
21290		T-12	N/A	CCW SURGE TANK	EE	MAN		
21300	CFS	CF01A	2CBF1120C	MVCF01A CONTROL CIRCUIT	DF	47314A	E-347	
21301					DF	2CLA	E-347	
21302			2CBF1120D	MVCF01A CONTROL CIRCUIT	D	29047A	E-373	
21303					D	JB2905	E-373	
21304					D	29009C	E-374	
21305					D	29009B*	E-364	
21306					D	29009A	E-362	
21307					A	Exposed	E-378B-3	
21308			2CBF1120E	MVCF01A CONTROL CIRCUIT	DF	47701A	E-347	
21309					DF	47314A	E-347	
21310					DF	2CLA	E-347	
21311			2CBF1120F	MVCF01A CONTROL CIRCUIT	FF	2CP16C	E-356-8	
21312					DD	2CP16C	E-356-8	
21313					DD	2CPN	E-356-7	
21314					DD	2CPP	E-356-7	
21315					DD	2CLA	E-356-7	
21316					DF	2CLA	E-347	
21317					DF	47702A	E-347	
21318			2CBF1120G	MVCF01A CONTROL CIRCUIT	FF	2CP55C	E-424	
21319					DD	2CP55C	E-424	
21320					DD	2CPN	E-356-7	
21321					DD	2CPP	E-356-7	
21322					DD	2CLA	E-356-7	
21323					DF	2CLA	E-347	
21324					DF	47315A	E-347	
21325			2CVCF01AA	MVCF01A CONTROL CIRCUIT	DF	47702A	E-347	
21326					DF	47315A	E-347	
21327					DF	2CLA	E-347	
21328			2CVCF01AB	MVCF01A CONTROL CIRCUIT	FF	2CP16C	E-356-8	
21329					DD	2CP16C	E-356-8	
21330					DD	2CPN	E-356-7	
21331					DD	2CPP	E-356-7	
21332					DD	2CLA	E-356-7	
21333					DF	2CLA	E-347	
21334					DF	47702A	E-347	
21335			2CVCF01AC	MVCF01A CONTROL CIRCUIT	DF	47702A	E-347	
21336					DF	2CLA	E-347	
21337			2CVCF01AD	MVCF01A CONTROL CIRCUIT	D	29047A	E-373	
21338					D	JB2905	E-373	
21339					D	29009C	E-373	
21340					D	29009B*	E-364	
21341					D	29009A	E-362	
21342					A	Exposed	E-378B-3	
21343			2PBF1120A	MVCF01A POWER CIRCUIT	DF	47310A	E-347	
21344			2PBF1120B	MVCF01A POWER CIRCUIT	D	29049A	E-373	
21345					D	JB2906	E-373	
21346					D	29008C	E-374	
21347					D	29008B*	E-364	
21348					D	29008A	E-362	
21349					A	Exposed	E-378B-3	
21350			BF1120	MVCF01A CIRCUIT BREAKER (CH. 2)	DF		E-347	
21351			C5716	MVCF01A CONTROL ROOM PANEL (CH. 2)	FF		E-353	
21352			C5755C	MVCF01A CONTROL ROOM PANEL (CH. 2)	FF		E-353	
21353			CDF-11A-1	MVCF01A DISCONNECT SWITCH (CH. 2)	DF		E-347	

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APPENDIX B-1

CIRCUIT/SUB-COMPONENT LOCATION SUMMARY BY SYSTEM

ID No.	SYSTEM	COMPONENT	CIRCUIT/ SUB-COMP	DESCRIPTION	FIRE AREA	RACEWAY	RACEWAY DRAWING	CHANGE NO/TYP
21354	CFS	CF01A	MVCF01A	CORE FLOOD TK 2 INJ ISO VLV (CH. 2)	D		E-373	
21355			P2C5GI	MVCF01A PENETRATION TERMINAL BOX (CH. 2)	D		E-362	
21356			P2C5GX	MVCF01A PENETRATION TERMINAL BOX (CH. 2)	DF		E-347	
21357			P2P5FI	MVCF01A PENETRATION TERMINAL BOX (CH. 2)	D		E-362	
21358			P2P5FX	MVCF01A PENETRATION TERMINAL BOX (CH. 2)	DF		E-347	
21359			PSH7529A	MVCF01A PRESSURE SWITCH (CH. 2)	FF		E-353	
21400		CF01B	1CBE1162C	MVCF01B CONTROL CIRCUIT	AB	38076C	E-350	
21401					AB	1CJP	E-350	
21402					V	1CJP	E-350	
21403			1CBE1162D	MVCF01B CONTROL CIRCUIT	AB	Exposed	E-378B-3	
21404					D	29043A	E-373	
21405					D	JB2903	E-373	
21406					D	29018C	E-374	
21407					D	29018B*	E-364	
21408					D	29018A	E-363	
21409			1CBE1162E	MVCF01B CONTROL CIRCUIT	V	38564A	E-350	
21410					V	38381A	E-350	
21411					V	1CJM	E-350	
21412			1CBE1162F	MVCF01B CONTROL CIRCUIT	FF	1CP16A	E-356-8	
21413					DD	1CP16A	E-356-8	
21414					DD	1CPL	E-356-6	
21415					DD	1CJL	E-356-6	
21416					CC	1CJL	E-347	
21417					U	1CJL	E-349-3	
21418					V	1CJL	E-350	
21419					V	38562A	E-350	
21420			1CBE1162G	MVCF01B CONTROL CIRCUIT	FF	1CP63D	E-424	
21421					DD	1CP63D	E-424	
21422					DD	1CPL	E-356-6	
21423					DD	1CJM	E-356-6	
21424					CC	1CJM	E-347	
21425					U	1CJM	E-349-3	
21426					V	1CJM	E-350	
21427					V	1CJP	E-350	
21428			1CVCF01BA	MVCF01B CONTROL CIRCUIT	V	38564A	E-350	
21429					V	38381A	E-350	
21430					V	1CJM	E-350	
21431			1CVCF01BB	MVCF01B CONTROL CIRCUIT	FF	1CP16A	E-356-8	
21432					DD	1CP16A	E-356-8	
21433					DD	1CPL	E-356-6	
21434					DD	1CJL	E-356-6	
21435					CC	1CJL	E-347	
21436					U	1CJL	E-349-3	
21437					V	38562B	E-350	
21438					V	1CJL	E-350	
21439			1CVCF01BC	MVCF01B CONTROL CIRCUIT	AB	38076C	E-350	
21440					AB	1CJP	E-350	
21441					V	1CJP	E-350	
21442					V	38564A	E-350	
21443					V	1CJM	E-350	
21444			1CVCF01BD	MVCF01B CONTROL CIRCUIT	AB	Exposed	E-378B-3	
21445					D	29043A	E-373	
21446					D	JB2903	E-373	
21447					D	29018C	E-373	
21448					D	29018B*	E-364	
21449					D	29018A	E-363	
21450			1PBE1162A	CF01B POWER CIRCUIT	V	38010A	E-350	
21451					AB	JB3806	E-350	
21452					AB	1PJA	E-350	
21453					AB	38010A*	E-340	
21453A					DG	38010A*	E-340	
21453B					G	38010A*	E-340	
21453C					V	38010A*	E-340	
21454			1PBE1162B	MVCF01B POWER CIRCUIT	D	29045A	E-373	
21455					D	JB2904	E-373	
21456					D	29019C	E-374	
21457					D	29019B*	E-364	
21458					D	29019A	E-363	
21459					AB	Exposed	E-378B-3	
21460			BE1162	MVCF01B CIRCUIT BREAKER (CH. 1)	V		E-350	
21461			C5716	MVCF01B CONTROL ROOM PANEL (CH. 1)	FF		E-353	
21462			C5763D	MVCF01B CONTROL ROOM PANEL (CH. 1)	FF		E-353	
21463			CDE-11B-1	MVCF01B DISCONNECT SWITCH (CH. 1)	V		E-350	
21464			MVCF01B	CORE FLOOD TK 1 INJ ISO VLV (CH. 1)	D		E-373	
21465			P1C2LI	MVCF01B PENETRATION TERMINAL BOX (CH. 1)	D		E-363	
21466			P1C2LX	MVCF01B PENETRATION TERMINAL BOX (CH. 1)	AB		E-350	
21467			P1P2MI	MVCF01B PENETRATION TERMINAL BOX (CH. 1)	D		E-363	
21468			P1P2MX	MVCF01B PENETRATION TERMINAL BOX (CH. 1)	AB		E-350	

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APPENDIX B-1

CIRCUIT/SUB-COMPONENT LOCATION SUMMARY BY SYSTEM

ID No.	SYSTEM	COMPONENT	CIRCUIT/ SUB-COMP	DESCRIPTION	FIRE AREA	RACEWAY	RACEWAY DRAWING	CHANGE NO/TYP
21469	CFS	CF01B	PSH7530A	MVCF01B PRESSURE SWITCH (CH. 1)	FF		E-353	
21500	CREVS	C21-1	1CBE1209B	MC0211 POWER CIRCUIT	HH	46103C	E-416	
21501					EE	46103B*	E-357, 358	
21501A					DH	46103B*	E-357, 358	
21502					II	46103A	E-413	
21503					Y	46103A	E-346	
21504					Y	1CKD	E-346	
21505					Y	46540A	E-346	
21506					Y	1CKA	E-346	
21507			1CBE1209C	MC0211 CONTROL CIRCUIT	FF	5720C1	E-356-9	
21508					DD	5720C1	E-356-9	
21509					DD	46055A	E-356-1, 356-6	
21510					DD	1CPL	E-356-1, 356-6	
21511					DD	46055B*	E-343,344,355	
21511A					A	46055B*	E-343,344,355	
21511B					DF	46055B*	E-343,344,355	
21511C					X	46055B*	E-343,344,355	
21511D					Y	46055B*	E-343,344,355	
21512					Y	1CKD	E-346	
21513					Y	46540A	E-346	
21514					Y	1CKA	E-346	
21515			1PBE1209A	MC0211 POWER CIRCUIT	HH	46102C	E-416	
21516					EE	46102B*	E-357, 358	
21516A					DH	46102B*	E-357, 358	
21517					II	46102A	E-413	
21518					Y	46102A	E-346	
21519			BE1209	MC0211 CIRCUIT BREAKER (CH. 1)	Y		E-346	
21520			C5720	MC0211 CONTROL ROOM PANEL (CH. 1)	FF		E-353	
21521			MC0211	CTRM EMER VENT SYS FAN 1-1 (CH. 1)	HH		E-416	
21522			NC0211	MC0211 LOCAL CONTROLLER (CH. 1)	HH		E-416	
21600		C21-2	2CBF1149B	MC0212 CONTROL CIRCUIT	HH	47051E	E-416	
21601					HH	47051D*	E-358	
21601A					DH	47051D*	E-358	
21601B					EE	47051D*	E-358	
21602					EE	47051D	E-414	
21603					EE	JB5750	E-414	
21604					EE	47051C	E-414	
21605					EE	47051B*	E-353	
21605A					DF	47051B*	E-353	
21606					DF	47051A	E-347	
21607			2CBF1149C	MC0212 CONTROL CIRCUIT	FF	5721A1	E-356-9	
21608					DD	5721A1	E-356-7, 356-1	
21609					DD	2CPN	E-356-7, 356-1	
21610					DD	2CPP	E-356-7	
21611					DD	2CLA	E-356-7	
21612					DF	47318A	E-347	
21613					DF	2CLA	E-347	
21614			2PBF1149A	MC0212 POWER CIRCUIT	HH	47050E	E-416	
21615					HH	47050D*	E-358	
21615A					DH	47050D*	E-358	
21615B					EE	47050D*	E-358	
21616					EE	47050D	E-414	
21617					EE	JB5750	E-414	
21618					EE	47050C	E-414	
21619					EE	47050B*	E-353	
21619A					DF	47050B*	E-353	
21620					DF	47050A	E-347	
21621			BF1149	MC0212 CIRCUIT BREAKER (CH. 2)	DF		E-347	
21622			C5720	MC0212 CONTROL ROOM PANEL (CH. 2)	FF		E-353	
21623			MC0212	CTRM EMER VENT SYS FAN 1-2 (CH. 2)	HH		E-416	
21624			NC0212	MC0212 LOCAL CONTROLLER (CH. 2)	HH		E-416	
21640		E106-1	N/A	CREVS COOLING COIL	HH	MAN		
21645		E106-2	N/A	CREVS COOLING COIL	HH	MAN		
21650		F22-1	N/A	CREVS FILTER BANK	HH	MAN		
21655		F22-2	N/A	CREVS FILTER BANK	HH	MAN		
21700		S33-1	1CBE1216B	MS3311 CONTROL CIRCUIT	HH	67131A	E-416	
21701					HH	EV2927	E-416	
21702					HH	46106C	E-416	
21703					DH	46106B*	E-357, 358	
21703A					EE	46106B*	E-357, 358	
21704					II	46106A	E-413	
21705					Y	46106A	E-346	

RACEWAY LEGEND (A) = 3-HR FIRE WRAP (B) = 1-HR FIRE WRAP (C) = RADIANT ENERGY SHIELD * = EMBEDDED CONDUIT

APPENDIX B-1

CIRCUIT/SUB-COMPONENT LOCATION SUMMARY BY SYSTEM

ID No.	SYSTEM	COMPONENT	CIRCUIT/ SUB-COMP	DESCRIPTION	FIRE AREA	RACEWAY	RACEWAY DRAWING	CHANGE NO/TYP
21706	CREVS	S33-1	1CBE1216B	MS3311 CONTROL CIRCUIT	Y	1CKD	E-346	
21707					Y	46540A	E-346	
21708					Y	1CKA	E-346	
21709			1CBE1216C	MS3311 CONTROL CIRCUIT	HH	67132A	E-416	
21710					HH	EV2927	E-416	
21711					HH	67131A	E-416	
21775A			1CBE1216E	MS33-1 CONTROL CIRCUIT	HH	67131A	E-416	
21775B					HH	EV2927	E-416	
21775C					HH	46106C	E-416	
21775D					HH	46106B*	E-357, 358	
21775E					DH	46106B*	E-357, 358	
21775F					EE	46106B*	E-357, 358	
21775G					Y	46106A	E-346	
21775H					Y	1CKD	E-346, 346-1	
21775I					Y	46060B	E-343	
21775J					X	46060B*	E-343, 344, 355	
21775K					DF	46060B*	E-343, 344, 355	
21775L					A	46060B*	E-343, 344, 355	
21775M					DD	46060B*	E-343, 344, 355	
21775N					DD	46060A	E-356-1	
21775P					DD	1CPM	E-356-6	
21775Q					DD	1CPT	E-356-6	
21775R					DD	1CPL	E-356-6	
21775S					DD	5720C2	E-356-9	
21775T					FF	5720C2	E-356-9	
21712			1CCEAC1C	MS3311 CONTROL CIRCUIT	HH	67002D	E-416	
21713					HH	JB6726	E-416	
21714					HH	67002E	E-416	
21715					HH	67002B*	E-355, 358	
21715A					DH	67002B*	E-355, 358	
21715B					FF	67002B*	E-355, 358	
21715C					DD	67002B*	E-355, 358	
21716					DD	67002C	E-356-6	
21717					DD	1CPM	E-356-6	
21718					DD	1CPL	E-356-1, 356-6	
21719					DD	27121A	E-356-1, 356-6	
21720					CC	27121A	E-347	
21721					UU	27121A	E-349-1	
21722					A	27121A	E-335	
21723					A	1CEB	E-335	
21724					E	1CEB	E-335	
21725					DUCT	36079B*	E-337, 342	
21726					S	36079B	E-338	
21727					S	JB3607	E-338, 418	
21728					S	36079A	E-338, 418	
21729					S	36356B	E-338	
21730					S	1CGC	E-338	
21731					Y	36356B	E-346	
21732					Y	46542A	E-346	
21733					Y	1CKA	E-346	
21734			1CCEAC1D	MS3311 CONTROL CIRCUIT	HH	67194A	E-416	
21735			1CCEAC1E	MS3311 CONTROL CIRCUIT	HH	67190B	E-416	
21736					HH	JB6724	E-416	
21737					HH	67190A	E-416	
21738			1CCEAC1F	MS3311 CONTROL CIRCUIT	HH	67190D	E-416	
21739					HH	JB6724	E-416	
21740					HH	67190A	E-416	
21741			1CCEAC1G	MS3311 CONTROL CIRCUIT	HH	67190C	E-416	
21742					HH	JB6724	E-416	
21743					HH	67190A	E-416	
21744			1CCEAC1H	MS3311 CONTROL CIRCUIT	HH	67191A	E-416	
21745			1CCEAC1J	MS3311 CONTROL CIRCUIT C6714 TO C6708	HH	67907A	E-416	
21747			1LPT5898A	MS3311 IND. CIRCUIT C6714 TO LPT5898	HH	67908A	E-416	
21749			1PBE1216A	MS3311 POWER CIRCUIT	HH	67128A	E-416	
21750					HH	46107C	E-416	
21751					DH	46107B*	E-375, 358	
21751A					EE	46107B*	E-357, 358	
21752					II	46107A	E-413	
21753					Y	46107A	E-346	
21754			BE1216	MS3311 CIRCUIT BREAKER (CH. 1)	Y		E-346	
21771			C5720	CR REACTOR AND STATION AUX CONTROL PANEL	FF		E-356-9	
21755			C6706	MS3311 EMER SYS COND CABINET (CH. 1)	HH		E-416	
21756			C6708	MS3311 EMER SYS COND CABINET (CH. 1)	HH		E-416	
21757			C6714	CREVS CH.1 CABINET-ROOM 603	HH		E-416	
21758			FTS5261	MS3311 TEMPERATURE SWITCH (CH. 1)	HH		E-416	
21759			MS3311	CTRM EMER A/C UNIT 1-1 (CH. 1)	HH		E-416	
21760			NS0611	MS3311 LOCAL CONTROLLER (CH. 1)	HH		E-416	
21761			PC5898	CREVS STBY COND 1 DAMPER CONTROL	HH		E-416	
21762			PS5900	CREVS CH.1 SWITCHOVER PRESS	HH		E-416	

RACEWAY LEGEND (A) = 3-HR FIRE WRAP (B) = 1-HR FIRE WRAP (C) = RADIANT ENERGY SHIELD * = EMBEDDED CONDUIT

APPENDIX B-1

CIRCUIT/SUB-COMPONENT LOCATION SUMMARY BY SYSTEM

ID No.	SYSTEM	COMPONENT	CIRCUIT/ SUB-COMP	DESCRIPTION	FIRE AREA	RACEWAY	RACEWAY DRAWING	CHANGE NO/TYP
21763	CREVS	S33-1	PSH5898	CREVS STBY COND 1 FAN START	HH		E-416	
21764			PSL5898	CREVS STBY COND 1 FAN STOP	HH		E-416	
21768			PT5898	CREVS CH.1 REFRIG HEAD PRESS	HH		E-416	
21769			PY5898	CREVS STBY COND 1 SIG CONV	HH		E-416	
21770			PY5898A	CREVS STBY COND 1 SIG CONV	HH		E-416	
21765			SV4823	MS3311 SOLENOID VALVE (CH. 1)	HH		E-416	
21766			SV4823A	MS3311 SOLENOID VALVE (CH. 1)	HH		E-416	
21767			SV4824	MS3311 SOLENOID VALVE (CH. 1)	HH		E-416	
21800		S33-2	2CBF1131B	MS3321 CONTROL CIRCUIT	HH	67126A	E-416	
21801					HH	EV2928	E-416	
21802					HH	47057E	E-416	
21803					DH	47057E	E-416	
21804					EE	47057E	E-414	
21805					EE	JB5750	E-414	
21806					EE	47057C	E-414	
21807					EE	47057B*	E-353	
21807A					DF	47057B*	E-353	
21808					DF	47057A	E-347	
21809			2CBF1131C	MS3321 CONTROL CIRCUIT	HH	67125A	E-416	
21810					HH	EV2928	E-416	
21811					HH	67126A	E-416	
21865A			2CBF1131E	MS33-2 CONTROL CIRCUIT	HH	67126A	E-416	
21865B					HH	EV2928	E-416	
21865C					HH	47057E	E-416	
21865D					DH	47057E	E-416	
21865E					EE	47057E	E-414	
21865F					EE	JB5750	E-414	
21865G					EE	57940B	E-414	
21865H					EE	EV5075	E-414	
21865I					EE	57940A	E-414	
21865J					DD	57940A	E-356-1	
21865K					DD	2CKN	E-356-1, 356-7	
21865L					DD	2CPN	E-356-1, 356-7	
21865M					DD	5721C7	E-356-1, 356-9	
21865N					FF	5721C7	E-356-1, 356-9	
21812			2CCEAC2C	MS3321 CONTROL CIRCUIT	HH	67199A	E-416	
21813					FF	67199A	E-416	
21815					DD	67199A	E-356-7	
21816					DD	2CKL	E-356-7	
21817					DD	2CPR	E-356-7	
21818					DD	2CKN	E-356-7	
21819					DF	2CKN	E-346, 347	
21820					X	2CKN	E-346	
21821					X	46739B	E-346	
21822			2CCEAC2D	MS3321 CONTROL CIRCUIT	HH	67197A	E-416	
21823			2CCEAC2E	MS3321 CONTROL CIRCUIT	HH	67195B	E-416	
21824					HH	JB6725	E-416	
21825					HH	67195A	E-416	
21826			2CCEAC2F	MS3321 CONTROL CIRCUIT	HH	67195D	E-416	
21827					HH	JB6725	E-416	
21828					HH	67195A	E-416	
21829			2CCEAC2G	MS3321 CONTROL CIRCUIT	HH	67195C	E-416	
21830					HH	JB6725	E-416	
21831					HH	67195A	E-416	
21832			2CCEAC2H	MS3321 CONTROL CIRCUIT	HH	67196A	E-416	
21833			2CCEAC2J	MS3321 CONTROL CIRCUIT C6715 TO C6709	HH	67920A	E-416	
21835			2LPT5899A	MS3321 IND. CIRCUIT C6715 TO LPT5899	HH	67905A	E-416	
21837			2PBF1131A	MS3321 POWER CIRCUIT	HH	47056G	E-416	
21838					HH	47056E	E-416	
21839					HH	47056D*	E-358	
21839A					DH	47056D*	E-358	
21839B					EE	47056D*	E-358	
21840					EE	47056D	E-414	
21841					EE	JB5750	E-414	
21842					EE	47056C	E-414	
21843					EE	47056B*	E-353	
21843A					DF	47056B*	E-353	
21844					DF	47056A	E-347	
21845			BF1131	MS3321 CIRCUIT BREAKER (CH. 2)	DF		E-347	
21862			C5720	CR REACTOR AND STATION AUX CONTROL PANEL	FF		E-356-9	
21846			C6707	MS3321 EMER SYS COND CABINET (CH. 2)	HH		E-416	
21847			C6709	MS3321 EMER SYS COND CABINET (CH. 2)	HH		E-416	
21848			C6715	CREVS CH.2 CABINET-ROOM 603	HH		E-416	
21849			FTS5262	MS3321 TEMPERATURE SWITCH (CH. 2)	HH		E-416	
21850			MS3321	CTRM EMER A/C UNIT 1-2 (CH. 2)	HH		E-416	
21851			NS0612	MS3321 LOCAL CONTROLLER (CH. 2)	HH		E-416	
21852			PC5899	CREVS STBY COND 2 DAMPER CONTROL	HH		E-416	
21853			PS5901	CREVS CH.2 SWITCHOVER PRESS	HH		E-416	

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APPENDIX B-1

CIRCUIT/SUB-COMPONENT LOCATION SUMMARY BY SYSTEM

ID No.	SYSTEM	COMPONENT	CIRCUIT/ SUB-COMP	DESCRIPTION	FIRE AREA	RACEWAY	RACEWAY DRAWING	CHANGE NO/TYP
21854	CREVS	S33-2	PSH5899	CREVS STBY COND 2 FAN START	HH		E-416	
21855			PSL5899	CREVS STBY COND 2 FAN STOP	HH		E-416	
21856			PT5899	CREVS CH.2 REFRIG HEAD PRESS	HH		E-416	
21857			PY5899	CREVS STBY COND 2 SIG CONV	HH		E-416	
21858			PY5899A	CREVS STBY COND 2 SIG CONV	HH		E-416	
21859			SV4827	MS3321 SOLENOID VALVE (CH. 2)	HH		E-416	
21860			SV4827A	MS3321 SOLENOID VALVE (CH. 2)	HH		E-416	
21861			SV4828	MS3321 SOLENOID VALVE (CH. 2)	HH		E-416	
21869		SV4823A	1CCEAC1G	SV4823A CONTROL CIRCUIT	HH	67190A	E-416	
21869A					HH	JB6724	E-416	
21869B					HH	67190C	E-416	
21869C			C6708	SV4823A CONTROL CIRCUIT	HH		E-416	
21870		SV4827A	2CCEAC2G	SV4827A CONTROL CIRCUIT	HH	67195A	E-416	
21870A					HH	JB6725	E-416	
21870B					HH	67195C	E-416	
21870C			C6709	SV4827A CONTROL CIRCUIT	HH		E-416	
21900	CSS	CS1530	1CBE1156B	MV1530 CONTROL CIRCUIT	AB	38013B	E-350	
21901					V	JB3805	E-350	
21902					V	1CJQ	E-350	
21903			1CBE1156C	MV1530 CONTROL CIRCUIT	AB	38401A	E-350	
21904			1CBE1156D	MV1530 CONTROL CIRCUIT	V	38558A	E-350	
21905					V	1CJM	E-350	
21907					V	38350A	E-350	
21908					V	JB3805	E-350	
21909					V	1CJQ	E-350	
21910			1CBE1156E	MV1530 CONTROL CIRCUIT	AB	Nipple	E-350	
21911			1CBE1156F	MV1530 CONTROL CIRCUIT (DH09B INTLK)	AB	28550A	E-335	
21912					G	28550A	E-336	
21914					G	1CFF	E-336	
21915					V	1CFF	E-350	
21916					V	1CJM	E-350	
21917					V	38401B	E-350	
21918					AB	38401B	E-350	
21919			1CBE1156G	MV1530 CONTROL CIRCUIT (DH09B INTLK)	AB	27251A	E-335	
21920			1CBE1156H	MV1530 CONTROL CIRCUIT	FF	1CP63C	E-424	
21921					DD	1CP63C	E-424	
21922					DD	1CPL	E-356-6	
21923					DD	1CJM	E-356-6	
21924					CC	1CJM	E-347	
21925					U	1CJM	E-349-3	
21926					V	1CJM	E-350, 349-3	
21927					V	38350A	E-350, 349-3	
21928					V	JB3805	E-350	
21929					V	1CJQ	E-350	
21930			1CBE1156I	MV1530 CONTROL CIRCUIT	V	38558A	E-350	
21931					V	1CJM	E-350	
21933					V	38350A	E-350	
21934					V	JB3805	E-350	
21935					V	1CJQ	E-350	
21936			1CBE1156J	MV1530 CONTROL CIRCUIT	FF	1CP16A	E-356-8	
21937					DD	1CP16A	E-356-8	
21938					DD	1CPL	E-356-6	
21939					DD	1CJL	E-356-6	
21940					CC	1CJL	E-347	
21941					U	1CJL	E-349-3	
21942					V	1CJL	E-350, 349-3	
21943					V	38556A	E-350, 349-3	
21944			1PBE1156A	MV1530 POWER CIRCUIT	AB	38014B	E-350	
21945					V	JB3805	E-350	
21946					V	1CJQ	E-350	
21947			BE1156	MV1530 CIRCUIT BREAKER (CH. 1)	V		E-350	
21948			C5716	MV1530 CONTROL ROOM PANEL (CH. 1)	FF		E-353	
21949			C5763C	MV1530 CONTROL ROOM PANEL (CH. 1)	FF		E-353	
21950			CDE-11C	MV1530 DISCONNECT SWITCH (CH. 1)	V		E-350	
21951			EV1530	MV1530 TERMINAL BOX (CH. 1)	AB		E-350	
21952			EVDH09B	MV1530 TERMINAL BOX (CH. 1)	AB		E-335	
21953			MV1530	CTMT SPRAY DISCH ISO VLV (CH. 1)	AB		E-350	
21954			NV1530	MV1530 LOCAL CONTROLLER (CH. 1)	AB		E-350	
22000		CS1531	2CBF1147B	MV1531 CONTROL CIRCUIT	A	48030B	E-349-2	
22001					A	48030A	E-349-2	
22002					A	48030A*	E-344, 345	
22002A					CC	48030A*	E-344,345	
22002B					V	48030A*	E-344,345	
22003			2CBF1147C	MV1531 CONTROL CIRCUIT	A	37201A	E-349-2	
22004			2CBF1147D	MV1531 CONTROL CIRCUIT	V	48049A	E-348	

RACEWAY LEGEND (A) = 3-HR FIRE WRAP (B) = 1-HR FIRE WRAP (C) = RADIANT ENERGY SHIELD * = EMBEDDED CONDUIT

APPENDIX B-1

CIRCUIT/SUB-COMPONENT LOCATION SUMMARY BY SYSTEM

ID No.	SYSTEM	COMPONENT	CIRCUIT/ SUB-COMP	DESCRIPTION	FIRE AREA	RACEWAY	RACEWAY DRAWING	CHANGE NO/TYP
22005	CSS	CS1531	2CBF1147E	MV1531 CONTROL CIRCUIT	A	Nipple	E-349-2	
22006			2CBF1147F	MV1531 CONTROL CIRCUIT (DH09A INTLK)	AB	27442B	E-335	
22008					A	27438A	E-335, 418	10 D
22008A					AB	27442B	E-335	10 D
22008B					A	27442B	E-335	10 D
22009					A	2CEH	E-335, 418	
22010					A	2CEH	E-335	
22011					A	37518A	E-349-2	
22012					A	2CEG	E-349-2	
22013					A	2CEA	E-349-2	
22014					A	37472E	E-349-2	
22015					A	37472E	E-349-2	
22016			2CBF1147G	MV1531 CONTROL CIRCUIT (DH09A INTLK)	AB	27252A	E-335	
22017			2CBF1147H	MV1531 CONTROL CIRCUIT	FF	2CP56C	E-424	
22018					DD	2CP56C	E-424	
22019					DD	2CPN	E-356-7	
22020					DD	2CKL	E-356-1, 356-7	
22021					DD	48051A	E-356-1, 356-7	
22022					V	48051A	E-356-1	
22023			2CBF1147I	MV1531 CONTROL CIRCUIT	V	48049A	E-348	
22024			2CBF1147J	MV1531 CONTROL CIRCUIT	FF	2CP16C	E-356-8	
22025					DD	2CP16C	E-356-8	
22026					DD	2CPN	E-356-7	
22027					DD	2CKL	E-356-1, 356-7	
22028					DD	48053A	E-356-1, 356-7	
22029					V	48053A	E-356-1	
22030			2PBF1147A	MV1531 POWER CIRCUIT	V	48029A	E-345	
22031					A	48029B	E-349-2	
22032					A	48029A	E-349-2	
22033					A	48029A*	E-344, 345	
22033A					CC	48029A*	E-344,345	
22033B					V	48029A*	E-344,345	
22034			BF1147	MV1531 CIRCUIT BREAKER (CH. 2)	V		E-348	
22035			C5716	MV1531 CONTROL ROOM PANEL (CH. 2)	FF		E-353	
22036			C5756C	MV1531 CONTROL ROOM PANEL (CH. 2)	FF		E-353	
22037			CDF-11B	MV1531 DISCONNECT SWITCH (CH. 2)	V		E-348	
22038			EV1531	MV1531 TERMINAL BOX (CH. 2)	A		E-349-2	
22039			EVDH09A	MV1531 TERMINAL BOX (CH. 2)	AB		E-335	
22040			MV1531	CTMT SPRAY DISCH ISO VLV (CH. 2)	A		E-349-2	
22041			NV1531	MV1531 LOCAL CONTROLLER (CH. 2)	A		E-349-2	
22100		P56-1	1CBE111B	MC0561 CONTROL CIRCUIT	FF	1CP16A	E-356-8	
22101					DD	1CP16A	E-356-8	
22102					DD	46055A	E-356-1	
22103					DD	1CPL	E-356-1	
22104					DD	46055B*	E-343, 344,355	
22104A					A	46055B*	E-343,344,355	
22104B					DF	46055B*	E-343,344,355	
22104C					X	46055B*	E-343,344,355	
22104D					Y	46055B*	E-343,344,355	
22105					Y	46628A	E-346	
22106					Y	1CKD	E-346	
22107			1CBE111C	MC0561 CONTROL CIRCUIT	FF	1CP16A	E-356-8	
22108					DD	1CP16A	E-356-8	
22109					DD	46055A	E-356-1, 356-6	
22110					DD	1CPL	E-356-1, 356-6	
22111					DD	46055B*	E-343, 344,355	
22111A					A	46055B*	E-343,344,355	
22111B					DF	46055B*	E-343,344,355	
22111C					X	46055B*	E-343,344,355	
22111D					Y	46055B*	E-343,344,355	
22112					Y	46628A	E-346	
22113					Y	1CKD	E-346	
22114			1CBE111D	MP0561 CONTROL CIRCUIT	AB	46014F	E-412	
22115					AB	JB1804	E-412	
22116					AB	46014E	E-412	
22117					AB	46014D*	E-330, 331	
22117A					A	46014D*	E-330, 331	
22118					A	46014C	E-332	
22119					DUCT	46014B*	E-337	
22120					Y	46014A	E-346	
22121			1CBE111E	MC0561 CONTROL CIRCUIT	FF	1CP62C	E-356-10	
22122					DD	1CP62C	E-356-10	
22123					DD	46055A	E-356-1	
22124					DD	1CPL	E-356-1	
22125					DD	46055B*	E-343, 344,355	
22125A					A	46055B*	E-343,344,355	
22125B					DF	46055B*	E-343,344,355	
22125C					X	46055B*	E-343,344,355	

RACEWAY LEGEND (A) = 3-HR FIRE WRAP (B) = 1-HR FIRE WRAP (C) = RADIANT ENERGY SHIELD * = EMBEDDED CONDUIT

APPENDIX B-1

CIRCUIT/SUB-COMPONENT LOCATION SUMMARY BY SYSTEM

ID No.	SYSTEM	COMPONENT	CIRCUIT/ SUB-COMP	DESCRIPTION	FIRE AREA	RACEWAY	RACEWAY DRAWING	CHANGE NO/TYP
22125D	CSS	P56-1	1CBE111E	MC0561 CONTROL CIRCUIT	Y	46055B*	E-343,344,355	
22126					Y	46628A	E-346	
22127					Y	1CKD	E-346	
22128			1CBE111F	MP0561 CONTROL CIRCUIT	AB	38401B	E-350	
22129					V	38401B	E-350	
22130					V	1CJM	E-350	
22131					V	1CFF	E-350	
22132					G	1CFF	E-336	
22133					G	46014H	E-336	
22134					AB	46014H	E-412	
22135					AB	JB1804	E-412	
22136					AB	46014E	E-412	
22137					AB	46014D*	E-330, 331	
22137A					A	46014D*	E-330, 331	
22138					A	46014C	E-332	
22139					DUCT	46014B*	E-337	
22140					Y	46014A	E-346	
22141			1CBE111G	MP0561 CONTROL CIRCUIT	AB	38401A	E-350	
22142			1PBE111A	MP0561 POWER CIRCUIT	AB	46013D	E-412	
22143					AB	46013D*	E-330	
22143A					A	46013D*	E-330	
22144					A	46013C	E-332	
22145					DUCT	46013B*	E-337	
22146					Y	46013A	E-346	
22147			C5716	MP0561 CONTROL ROOM PANEL	FF		E-353	
22148			C5762C	MP0561 CONTROL ROOM PANEL	FF		E-353	
22149			EV1530	MP0561 TERMINAL BOX	AB		E-412	
22150			MP0561	CTMT SPRAY PUMP 1	AB		E-412	
22151			NP0561	MP0561 LOCAL CONTROLLER	AB		E-412	
22200		P56-2	2CBF111B	MP0562 CONTROL CIRCUIT	FF	2CP16C	E-356-8	
22201					DD	2CP16C	E-356-8	
22202					DD	2CPN	E-356-7	
22203					DD	2CKL	E-356-7	
22204					DF	2CKL	E-347	
22205					X	2CKL	E-346	
22206					X	46716A	E-346	
22207			2CBF111C	MP0562 CONTROL CIRCUIT	FF	2CP16C	E-356-8	
22208					DD	2CP16C	E-356-8	
22209					DD	2CPN	E-356-7	
22210					DD	2CKL	E-356-7	
22211					DF	2CKL	E-347	
22212					X	2CKL	E-346	
22213					X	46716A	E-346	
22214			2CBF111D	MP0562 CONTROL CIRCUIT	A	46114F	E-332	
22215					A	46114E	E-332	
22216					A	46114D*	E-330	
22217					A	46114C	E-332	
22218					DUCT	46114B*	E-337, 342	
22219					X	46114A	E-346	
22220			2CBF111E	MP0562 CONTROL CIRCUIT	FF	2CP55C	E-423	
22221					DD	2CP55C	E-423	
22222					DD	2CPN	E-356-7	
22223					DD	2CKL	E-356-7	
22224					DF	2CKL	E-347	
22225					X	2CKL	E-346	
22226					X	46716A	E-346	
22227			2CBF111F	MP0562 CONTROL CIRCUIT	A	37472E	E-349-2	
22228					A	2CEA	E-347, 349-2	
22229					DD	2CEA	E-356-7	
22230					DD	2CPP	E-356-7	
22231					DD	2CPN	E-356-7	
22232					DD	2CKL	E-356-7	
22233					DF	2CKL	E-347	
22234					X	2CKL	E-346	
22235					X	46716A	E-346	
22236			2CBF111G	MP0562 CONTROL CIRCUIT	A	37201A	E-349-2	
22237			2PBF111A	MP0562 POWER CIRCUIT	A	46113E	E-332	
22238					A	46113D*	E-330	
22239					A	46113C	E-332	
22240					DUCT	46113B*	E-337, 342	
22241					X	46113A	E-346	
22241A			2PBF111J	MP0562 POWER CIRCUIT	A	46113E	E-332	
22242			C5716	MP0562 CONTROL ROOM PANEL	FF		E-353	
22243			C5755C	MP0562 CONTROL ROOM PANEL	FF		E-353	
22244			EV1531	MP0562 TERMINAL BOX	A		E-332	
22245			MP0562	CTMT SPRAY PUMP 2	A		E-332	
22246			NP0562	MP0562 LOCAL CONTROLLER	A		E-332	
22300	DHRS	DH01A	2CBF1136B	MVDH01A CONTROL CIRCUIT	A	27428A	E-335	

RACEWAY LEGEND (A) = 3-HR FIRE WRAP (B) = 1-HR FIRE WRAP (C) = RADIANT ENERGY SHIELD * = EMBEDDED CONDUIT

APPENDIX B-1

CIRCUIT/SUB-COMPONENT LOCATION SUMMARY BY SYSTEM

ID No.	SYSTEM	COMPONENT	CIRCUIT/ SUB-COMP	DESCRIPTION	FIRE AREA	RACEWAY	RACEWAY DRAWING	CHANGE NO/TYP
22301	DHRS	DH01A	2CBF1136B	MVDH01A CONTROL CIRCUIT	A	27435A	E-335	
22302					A	2CEH	E-335	
22303			2CBF1136C	MVDH01A CONTROL CIRCUIT	A	27258A	E-335	
22304			2CBF1136D	MVDH01A CONTROL CIRCUIT	A	Nipple	E-335	
22305			2CBF1136E	MVDH01A CONTROL CIRCUIT	A	27707A	E-335	
22306					A	27436A	E-335	
22307					A	2CEH	E-335	
22308			2CBF1136F	MVDH01A CONTROL CIRCUIT	FF	2CP16C	E-356-8	
22309					DD	2CP16C	E-356-8	
22310					DD	2CPN	E-356-7	
22311					DD	2CED	E-356-7	
22312					A	2CED	E-335, 349-2	
22313					A	2CEG	E-335	
22314					A	27704A	E-335	
22315					A	2CEH	E-335	
22316			2CBF1136H	MVDH01A CONTROL CIRCUIT	A	27258A	E-335	
22317			2CBF1136J	MVDH01A CONTROL CIRCUIT	FF	2CP16C	E-356-8	
22318					DD	2CP16C	E-356-8	
22319					DD	2CPN	E-356-7	
22320					DD	2CEA	E-356-7	
22321					A	2CEA	E-335, 349-2	
22322					A	27718A	E-335, 349-2	
22323					A	27718A	E-335	
22324			2PBF1136A	MVDH01A POWER CIRCUIT	A	27427A	E-335	
22325			BF1136	MVDH01A CIRCUIT BREAKER (CH. 2)	A		E-335	
22326			C5716	MVDH01A CONTROL ROOM PANEL (CH. 2)	FF		E-353	
22327			CDF-11C	MVDH01A DISCONNECT SWITCH (CH. 2)	A		E-335	
22328			EVDH01A	MVDH01A TERMINAL BOX (CH. 2)	A		E-335	
22329			MVDH01A	LPI LINE #2 VALVE (CH. 2)	A		E-335	
22330			NVDH01A	MVDH01A LOCAL CONTROLLER (CH. 2)	A		E-335	
22400		DH01B	1CBE1106B	MVDH01B CONTROL CIRCUIT	AB	28033B	E-336	
22401					AB	28033A*	E-334	
22401A					B	28033A*	E-334	
22401B					G	28033A*	E-334	
22402			1CBE1106C	MVDH01B CONTROL CIRCUIT	AB	28203A	E-336	
22403			1CBE1106D	MVDH01B CONTROL CIRCUIT	AB	Nipple	E-336	
22404			1CBE1106E	MVDH01B CONTROL CIRCUIT	V	38552A	E-350	
22405					V	1CJM	E-350	
22406					G	28335A	E-336	
22407					G	1CFF	E-336	
22408			1CBE1106F	MVDH01B CONTROL CIRCUIT	FF	1CP16A	E-356-8	
22409					DD	1CP16A	E-356-8	
22410					DD	1CPL	E-356-6	
22411					DD	1CJL	E-356-6	
22412					CC	1CJL	E-347	
22413					U	1CJL	E-349-3	
22414					V	1CJL	E-350	
22415					V	38550A	E-350	
22416			1CBE1106H	MVDH01B CONTROL CIRCUIT	AB	28203A	E-336	
22417			1CBE1106I	MVDH01B CONTROL CIRCUIT	V	38559A	E-350	
22418					V	38550A	E-350	
22419					V	1CJL	E-350	
22420			1CBE1106J	MVDH01B CONTROL CIRCUIT	FF	1CP16A	E-356-8	
22421					DD	1CP16A	E-356-8	
22422					DD	1CPL	E-356-6	
22423					DD	1CJM	E-356-6	
22424					CC	1CJM	E-347	
22425					U	1CJM	E-349-3	
22426					V	1CJM	E-350	
22427					V	38551A	E-350	
22428			1PBE1106A	MVDH01B POWER CIRCUIT	G	28034A	E-336	
22429					AB	28034B	E-336	
22430					AB	28034A*	E-334	
22430A					B	28034A*	E-334	
22430B					G	28034A*	E-334	
22431			BE1106	MVDH01B CIRCUIT BREAKER (CH. 1)	G		E-336	
22432			C5716	MVDH01B CONTROL ROOM PANEL (CH. 1)	FF		E-353	
22433			CDE-11A	MVDH01B DISCONNECT SWITCH (CH. 1)	V		E-350	
22434			CDE-11B-2	MVDH01B DISCONNECT SWITCH (CH. 1)	V		E-350	
22435			EVDH01B	MVDH01B TERMINAL BOX (CH. 1)	AB		E-336	
22436			MVDH01B	LPI LINE #1 VALVE (CH. 1)	AB		E-336	
22437			NVDH01B	MVDH01B LOCAL CONTROLLER (CH. 1)	AB		E-336	
22500		DH07A	2CBF1148B	MVDH07A CONTROL CIRCUIT	AC	48036C	E-319	
22501					V	48036B*	E-340	
22502					V	48036A*	E-340, 345	
22503			2CBF1148C	MVDH07A CONTROL CIRCUIT	AC	48036C	E-319	
22504					V	48036B*	E-340	

RACEWAY LEGEND (A) = 3-HR FIRE WRAP (B) = 1-HR FIRE WRAP (C) = RADIANT ENERGY SHIELD * = EMBEDDED CONDUIT

APPENDIX B-1

CIRCUIT/SUB-COMPONENT LOCATION SUMMARY BY SYSTEM

ID No.	SYSTEM	COMPONENT	CIRCUIT/ SUB-COMP	DESCRIPTION	FIRE AREA	RACEWAY	RACEWAY DRAWING	CHANGE NO/TYP
22505	DHRS	DH07A	2CBF1148C	MVDH07A CONTROL CIRCUIT	V	48036A*	E-340, 345	
22506			2CBF1148D	MVDH07A CONTROL CIRCUIT	AC	20301A	E-319	
22507			2CBF1148E	MVDH07A CONTROL CIRCUIT	AC	Nipple	E-319	
22508			2CBF1148F	MVDH07A CONTROL CIRCUIT	FF	2CP55D	E-424	
22509					DD	2CP55D	E-424	
22510					DD	2CPN	E-356-7	
22511					DD	2CKL	E-356-7	
22512					DD	48050A	E-356-7	
22513					V	48050A	E-348	
22514			2CBF1148G	MVDH07A CONTROL CIRCUIT	FF	2CP56C	E-424	
22515					DD	2CP56C	E-424	
22516					DD	2CPN	E-356-7	
22517					DD	2CKL	E-356-7	
22518					DD	48050A	E-356-7	
22519					V	48050A	E-348	
22520			2CBF1148H	MVDH07A CONTROL CIRCUIT	V	48054A	E-348	
22521			2CBF1148I	MVDH07A CONTROL CIRCUIT	FF	2CP16C	E-356-8	
22522					DD	2CP16C	E-356-8	
22523					DD	2CPN	E-356-7	
22524					DD	2CKL	E-356-7	
22525					DD	48053A	E-356-7	
22526					V	48053A	E-348	
22527			2CBF1148J	MVDH07A CONTROL CIRCUIT	AB	27670A	E-336	
22528					AB	27670C	E-336	
22529					G	27670C	E-336	
22530					B	27670C	E-336	
22531					AC	27670C	E-319	
22532					AC	27670E	E-319	
22533			2PBF1148A	MVDH07A POWER CIRCUIT	V	48035A	E-345	
22534					AC	48035C	E-319	
22535					V	48035B*	E-340	
22536					V	48035A*	E-340, 345	
22537			BF1148	MVDH07A CIRCUIT BREAKER (CH. 2)	V		E-348	
22538			C5716	MVDH07A CONTROL ROOM PANEL (CH. 2)	FF		E-353	
22538Z			C5755C	MVDH07A CONTROL ROOM PANEL (CH. 2)	FF		E-353	
22539			C5755D	MVDH07A CONTROL ROOM PANEL (CH. 2)	FF		E-353	
22540			C5756C	MVDH07A CONTROL ROOM PANEL (CH. 2)	FF		E-353	
22540A			C5756D	MVDH07A CONTROL ROOM PANEL (CH. 2)	FF		E-353	
22541			CDF-11B	MVDH07A DISCONNECT SWITCH (CH. 2)	V		E-350	
22542			EVDH07A	MVDH07A TERMINAL BOX (CH. 2)	AC		E-319	
22543			MVDH07A	BWST ISOLATION VALVE A (CH. 2)	AC		E-319	
22544			NVDH07A	MVDH07A LOCAL CONTROLLER (CH. 2)	AC		E-319	
22600		DH07B	1CBE1157B	MVDH07B CONTROL CIRCUIT	AC	28500A	E-319	
22601					B	28500A	E-336	
22602					G	28500A	E-336	
22603			1CBE1157C	MVDH07B CONTROL CIRCUIT	AC	28500A	E-319	
22604					B	28500A	E-336	
22605					G	28500A	E-336	
22606			1CBE1157D	MVDH07B CONTROL CIRCUIT	AC	20300A	E-319	
22607			1CBE1157E	MVDH07B CONTROL CIRCUIT	AC	Nipple	E-319	
22608			1CBE1157F	MVDH07B CONTROL CIRCUIT	FF	1CP62D	E-356-10	
22609					DD	1CP62D	E-356-10	
22610					DD	1CPL	E-356-6	
22611					DD	1CJM	E-356-6	
22612					CC	1CJM	E-347	
22613					U	1CJM	E-349-3	
22614					V	1CJM	E-350	
22615					V	1CFF	E-350	
22616					G	1CFF	E-336	
22617					G	28331A	E-336	
22618			1CBE1157G	MVDH07B CONTROL CIRCUIT	FF	1CP63D	E-424	
22619					DD	1CP63D	E-424	
22620					DD	1CPL	E-356-6	
22621					DD	1CJM	E-356-6	
22622					CC	1CJM	E-347	
22623					U	1CJM	E-349-3	
22624					V	1CJM	E-350	
22625					V	1CFF	E-350	
22626					G	1CFF	E-336	
22627					G	28331A	E-336	
22628			1CBE1157H	MVDH07B CONTROL CIRCUIT	V	38551A	E-350	
22629					V	1CJM	E-350	
22630					V	1CFF	E-350	
22631					G	1CFF	E-336	
22632					G	28331A	E-336	
22633			1CBE1157I	MVDH07B CONTROL CIRCUIT	FF	1CP16A	E-356-8	
22634					DD	1CP16A	E-356-8	
22635					DD	1CPL	E-356-6	

RACEWAY LEGEND (A) = 3-HR FIRE WRAP (B) = 1-HR FIRE WRAP (C) = RADIANT ENERGY SHIELD * = EMBEDDED CONDUIT

APPENDIX B-1

CIRCUIT/SUB-COMPONENT LOCATION SUMMARY BY SYSTEM

ID No.	SYSTEM	COMPONENT	CIRCUIT/ SUB-COMP	DESCRIPTION	FIRE AREA	RACEWAY	RACEWAY DRAWING	CHANGE NO/TYP
22636	DHRS	DH07B	1CBE1157I	MVDH07B CONTROL CIRCUIT	DD	1CJL	E-356-6	
22637					CC	1CJL	E-347	
22638					U	1CJL	E-349-3	
22639					V	1CJL	E-350	
22640					V	38550A	E-350	
22641			1CBE1157J	MVDH07B CONTROL CIRCUIT	AB	27671A	E-335	
22642					AB	27671C	E-335	
22643					G	27671C	E-336	
22644					B	27671C	E-336	
22645					AC	27671C	E-319	
22646					AC	27671E	E-319	
22647			1PBE1157A	MVDH07B POWER CIRCUIT	AC	28501A	E-319	
22648					B	28501A	E-336	
22649					G	28501A	E-336	
22650			BE1157	MVDH07B CIRCUIT BREAKER (CH. 1)	G		E-336	
22651			C5716	MVDH07B CONTROL ROOM PANEL (CH. 1)	FF		E-353	
22651Z			C5762C	MVDH07B CONTROL ROOM PANEL (CH. 1)	FF		E-353	
22652			C5762D	MVDH07B CONTROL ROOM PANEL (CH. 1)	FF		E-353	
22653			C5763C	MVDH07B CONTROL ROOM PANEL (CH. 1)	FF		E-353	
22653A			C5763D	MVDH07B CONTROL ROOM PANEL (CH. 1)	FF		E-353	
22654			CDE-11A	MVDH07B DISCONNECT SWITCH (CH. 1)	V		E-350	
22655			EVDH07B	MVDH07B TERMINAL BOX (CH. 1)	AC		E-319	
22656			MVDH07B	BWST ISOLATION VALVE B (CH. 1)	AC		E-319	
22657			NVDH07B	MVDH07B LOCAL CONTROLLER (CH. 1)	AC		E-319	
22700		DH09A	2CBF1142B	MVDH09A CONTROL CIRCUIT	AB	27442C	E-335	10 D
22700A					G	27442C	E-335	10 A
22700B					A	27442C	E-335	
22701					A	27442B	E-335	10 D
22701A					AB	27442B	E-335	10 A
22702			2CBF1142C	MVDH09A CONTROL CIRCUIT	AB	27252A	E-335	
22703			2CBF1142D	MVDH09A CONTROL CIRCUIT	AB	Nipple	E-335	
22704			2CBF1142E	MVDH09A CONTROL CIRCUIT	FF	2CP55D	E-424	
22704A					A	F11C	E-335	
22705					DD	2CP55D	E-424	
22706					DD	2CPN	E-356-7	
22707					DD	2CED	E-356-7	
22708					A	2CEG	E-356-7	
22709					A	27438A	E-335	
22710					A	2CEH	E-335	
22711			2CBF1142F	MVDH09A CONTROL CIRCUIT	FF	2CP56D	E-424	
22711A					A	F11C	E-335	
22712					DD	2CP56D	E-424	
22713					DD	2CPN	E-356-7	
22714					DD	2CED	E-356-7	
22715					A	2CEG	E-356-7	
22716					A	27438A	E-335	
22717					A	2CEH	E-335	
22718			2CBF1142G	MVDH09A CONTROL CIRCUIT	A	27706A	E-335	
22718A					A	F11C	E-335	
22719					A	27447A	E-335	
22720					A	2CEH	E-335	
22721			2CBF1142H	MVDH09A CONTROL CIRCUIT	FF	2CP16C	E-356-8	
22722					DD	2CP16C	E-356-8	
22723					DD	2CPN	E-356-7	
22724					DD	2CED	E-356-7	
22725					A	2CEG	E-356-7	
22726					A	27704A	E-335	
22727					A	2CEH	E-335	
22728			2CBF1142J	MVDH09A CONTROL CIRCUIT	AC	27670D	E-319	
22729					AC	27670C	E-319	
22730					B	27670C	E-336	
22731					G	27670C	E-336	
22732					AB	27670C	E-335	
22733					AB	27670B	E-335	
22733A			2CBF1142K	MVDH09A CONTROL CIRCUIT	A	F11C	E-335	
22733B					A	27135A	E-335	
22733C					G	27135A	E-335	
22733D			2CBF1142L	MVDH09A CONTROL CIRCUIT	A	F11C	E-335	
22733E					A	27135A	E-335	
22733F					G	27135A	E-335	
22733G			2CBF1142M	MVDH09A CONTROL CIRCUIT	A	F11C	E-335	
22733H					A	27135A	E-335	
22733J					G	27135A	E-335	
22734			2PBF1142A	MVDH09A POWER CIRCUIT	A	27441A	E-335	
22735					AB	27441A	E-335	
22735A					G	27441A	E-335	
22736			BF1142	MVDH09A CIRCUIT BREAKER (CH. 2)	A		E-335	
22737			C5716	MVDH09A CONTROL ROOM PANEL (CH. 2)	FF		E-353	

RACEWAY LEGEND (A) = 3-HR FIRE WRAP (B) = 1-HR FIRE WRAP (C) = RADIANT ENERGY SHIELD * = EMBEDDED CONDUIT

APPENDIX B-1

CIRCUIT/SUB-COMPONENT LOCATION SUMMARY BY SYSTEM

ID No.	SYSTEM	COMPONENT	CIRCUIT/ SUB-COMP	DESCRIPTION	FIRE AREA	RACEWAY	RACEWAY DRAWING	CHANGE NO/TYP
22737Z	DHRS	DH09A	C5755C	MVDH09A CONTROL ROOM PANEL (CH. 2)	FF		E-353	
22738			C5755D	MVDH09A CONTROL ROOM PANEL (CH. 2)	FF		E-353	
22738A			C5756C	MVDH09A CONTROL ROOM PANEL (CH. 2)	FF		E-353	
22739			C5756D	MVDH09A CONTROL ROOM PANEL (CH. 2)	FF		E-353	
22740			CDF-11C	MVDH09A DISCONNECT SWITCH (CH. 2)	A		E-350	
22741			EVDH09A	MVDH09A TERMINAL BOX (CH. 2)	AB		E-335	
22742			MVDH09A	CTMT SUMP ISOLATION VLV A (CH. 2)	AB		E-335	
22743			NVDH09A	MVDH09A LOCAL CONTROLLER (CH. 2)	AB		E-335	
22800		DH09B	1CBE1112B	MVDH09B CONTROL CIRCUIT	AB	28060A	E-335	
22801					G	28060A	E-336	
22802			1CBE1112C	MVDH09B CONTROL CIRCUIT	AB	27251A	E-335	
22803			1CBE1112D	MVDH09B CONTROL CIRCUIT	AB	Nipple	E-335	
22804			1CBE1112E	MVDH09B CONTROL CIRCUIT	FF	1CP62D	E-356-10	
22805					DD	1CP62D	E-356-10	
22806					DD	1CPL	E-356-7	
22807					DD	1CJM	E-356-7	
22808					CC	1CJM	E-347	
22809					U	1CJM	E-349-3	
22810					V	1CJM	E-350	
22811					V	1CFF	E-350	
22812					G	1CFF	E-336	
22813					G	28333A	E-336	
22814			1CBE1112F	MVDH09B CONTROL CIRCUIT	FF	1CP63D	E-424	
22815					DD	1CP63D	E-424	
22816					DD	1CPL	E-356-7	
22817					DD	1CJM	E-356-7	
22818					CC	1CJM	E-347	
22819					U	1CJM	E-349-3	
22820					V	1CJM	E-350	
22821					V	1CFF	E-350	
22822					G	1CFF	E-336	
22823					G	28331A	E-336	
22824			1CBE1112G	MVDH09B CONTROL CIRCUIT	V	38552A	E-350	
22825					V	1CJM	E-350	
22826					V	1CFF	E-350	
22827					G	1CFF	E-336	
22828					G	28333A	E-336	
22829			1CBE1112H	MVDH09B CONTROL CIRCUIT	FF	1CP16A	E-356-8	
22830					DD	1CP16A	E-356-8	
22831					DD	1CPL	E-356-6	
22832					DD	1CJL	E-356-6	
22833					CC	1CJL	E-347	
22834					U	1CJL	E-349-3	
22835					V	1CJL	E-350	
22836					V	38550A	E-350	
22837			1CBE1112J	MVDH09B CONTROL CIRCUIT	AC	27671D	E-319	
22838					AC	27671C	E-319	
22839					B	27671C	E-336	
22840					G	27671C	E-336	
22841					AB	27671C	E-335	
22842					AB	27671B	E-335	
22843			1PBE1112A	MVDH09B POWER CIRCUIT	G	28037A	E-336	
22844					AB	28037B	E-335	
22845					G	28037A*	E-333	
22845A					AB	28037A*	E-333	
22845B					AB	28037A*	E-333, 334	
22846			BE1112	MVDH09B CIRCUIT BREAKER (CH. 1)	G		E-336	
22847			C5716	MVDH09B CONTROL ROOM PANEL (CH. 1)	FF		E-353	
22847Z			C5762C	MVDH09B CONTROL ROOM PANEL (CH. 1)	FF		E-353	
22848			C5762D	MVDH09B CONTROL ROOM PANEL (CH. 1)	FF		E-353	
22848A			C5763C	MVDH09B CONTROL ROOM PANEL (CH. 1)	FF		E-353	
22849			C5763D	MVDH09B CONTROL ROOM PANEL (CH. 1)	FF		E-353	
22850			CDE-11A	MVDH09B DISCONNECT SWITCH (CH. 1)	V		E-350	
22851			EVDH09B	MVDH09B TERMINAL BOX (CH. 1)	AB		E-335	
22852			MVDH09B	CTMT SUMP ISOLATION VLV B (CH. 1)	AB		E-335	
22853			NVDH09B	MVDH09B LOCAL CONTROLLER (CH. 1)	AB		E-335	
22900		DH11	2CBF1130C	MVDH11 CONTROL CIRCUIT	DF	47315A	E-347	
22901					DF	2CLA	E-347	
22902			2CBF1130D	MVDH11 CONTROL CIRCUIT	D	49091A	E-362	
22903					A	Exposed	E-378B-3	
22904			2CBF1130E	MVDH11 CONTROL CIRCUIT	FF	2CP56D	E-424	
22905					DD	2CP56D	E-424	
22906					DD	2CPN	E-356-7	
22907					DD	2CPP	E-356-7	
22908					DD	2CLA	E-356-7	
22909					DF	2CLA	E-347	
22910					DF	47315A	E-347	

RACEWAY LEGEND (A) = 3-HR FIRE WRAP (B) = 1-HR FIRE WRAP (C) = RADIANT ENERGY SHIELD * = EMBEDDED CONDUIT

APPENDIX B-1

CIRCUIT/SUB-COMPONENT LOCATION SUMMARY BY SYSTEM

ID No.	SYSTEM	COMPONENT	CIRCUIT/ SUB-COMP	DESCRIPTION	FIRE AREA	RACEWAY	RACEWAY DRAWING	CHANGE NO/TYP
22911	DHRS	DH11	2CBF1130F	MVDH11 CONTROL CIRCUIT	DF	47700A	E-347	
22912					DF	2CLA	E-347	
22913					DF	2CLA	E-347	
22914					DF	47315A	E-347	
22915			2CBF1130G	MVDH11 CONTROL CIRCUIT	FF	2CP02C	E-356-8	
22916					DD	2CP02C	E-356-8	
22917					DD	2CPN	E-356-7	
22918					DD	2CPP	E-356-7	
22919					DD	2CLA	E-356-7	
22920					DF	2CLA	E-347	
22921					DF	47702A	E-347	
22922			2CBF1130J	MVDH11 CONTROL CIRCUIT	FF	2CP02C	E-356-8	
22923					DD	2CP02C	E-356-8	
22924					DD	2CPN	E-356-7	
22925					DD	2CPP	E-356-7	
22926					DD	2CLA	E-356-7	
22927					DF	2CLA	E-347	
22928					DF	47700A	E-347	
22929			2CBF1130K	MVDH11 CONTROL CIRCUIT	DF	47700A	E-347	
22930					DF	2CLA	E-347	
22931					DD	2CLA	E-356-7	
22932					DD	2CEA	E-356-7	
22933					A	2CEA	E-347, 349-2	
22934					A	37806B	E-347, 349-2	
22935					A	37806B	E-349-2	
22936			2CBF1130L	MVDH11 CONTROL CIRCUIT	DF	47700A	E-347	
22937					DF	47315A	E-347	
22938					DF	2CLA	E-347	
22939			2PBF1130A	MVDH11 POWER CIRCUIT	DF	47313A	E-347	
22940			2PBF1130B	MVDH11 POWER CIRCUIT	D	49092A	E-362, 373	
22941					A	Exposed	E-378B-3	
22942			BF1130	MVDH11 CIRCUIT BREAKER (CH. 2)	DF		E-347	
22943			C5704	MVDH11 CONTROL ROOM PANEL (CH. 2)	FF		E-353	
22944			C5756D	MVDH11 CONTROL ROOM PANEL (CH. 2)	FF		E-353	
22945			CDF-11A-1	MVDH11 DISCONNECT SWITCH (CH. 2)	DF		E-347	
22946			MVDH11	DH NORMAL SUCTION VALVE (CH. 2)	D		E-373	
22947			P2C5GI	MVDH11 PENETRATION TERMINAL BOX (CH. 2)	D		E-362	
22948			P2C5GX	MVDH11 PENETRATION TERMINAL BOX (CH. 2)	DF		E-347	
22949			P2P5FI	MVDH11 PENETRATION TERMINAL BOX (CH. 2)	D		E-362	
22950			P2P5FX	MVDH11 PENETRATION TERMINAL BOX (CH. 2)	DF		E-347	
22951			PSH7531A	MVDH11 PRESSURE SWITCH (CH. 2)	FF		E-353	
22952			RC3702	MVDH11 RELAY CABINET (CH. 2)	A		E-349-2	
23000		DH12	1CBE1183C	MVDH12 CONTROL CIRCUIT	AB	38076C	E-350, 351-5	
23001					AB	1CJP	E-350, 351-5	
23002					V	1CJP	E-350	
23003			1CBE1183D	MVDH12 CONTROL CIRCUIT	D	29021C	E-373	
23004					D	29021B*	E-364	
23005					D	29021A	E-363	
23006					AB	Exposed	E-378B-3	
23007			1CBE1183F	MVDH12 CONTROL CIRCUIT	V	38560A	E-350	
23008					V	38375A	E-350	
23009					V	1CJL	E-350	
23010			1CBE1183G	MVDH12 CONTROL CIRCUIT	FF	1CP02A	E-356-8	
23011					DD	1CP02A	E-356-8	
23012					DD	1CPM	E-356-6	
23013					DD	1CPT	E-356-6	
23014					DD	1CPL	E-356-6	
23015					DD	1CJL	E-356-6	
23016					CC	1CJL	E-347	
23017					U	1CJL	E-349-3	
23018					V	1CJL	E-350	
23019					V	38559A	E-350	
23020			1CBE1183H	MVDH12 CONTROL CIRCUIT	D	49010A	E-366, 369,373	
23021			1CBE1183I	MVDH12 CONTROL CIRCUIT	V	38375A	E-350	
23022					V	38560A	E-350	
23023					V	1CJL	E-350	
23024			1CBE1183J	MVDH12 CONTROL CIRCUIT	FF	1CP02A	E-356-8	
23025					DD	1CP02A	E-356-8	
23026					DD	1CPM	E-356-6	
23027					DD	1CPT	E-356-6	
23028					DD	1CPL	E-356-6	
23029					DD	1CJL	E-356-6	
23030					CC	1CJL	E-347	
23031					U	1CJL	E-349-3	
23032					V	1CJL	E-350	
23033					V	38559A	E-350	
23034			1PBE1183A	MVDH12 POWER CIRCUIT	AB	JB3806	E-351-5	
23035					AB	1PJA	E-351-5	

RACEWAY LEGEND (A) = 3-HR FIRE WRAP (B) = 1-HR FIRE WRAP (C) = RADIANT ENERGY SHIELD * = EMBEDDED CONDUIT

APPENDIX B-1

CIRCUIT/SUB-COMPONENT LOCATION SUMMARY BY SYSTEM

ID No.	SYSTEM	COMPONENT	CIRCUIT/ SUB-COMP	DESCRIPTION	FIRE AREA	RACEWAY	RACEWAY DRAWING	CHANGE NO/TYP
23036	DHRS	DH12	1PBE1183A	MVDH12 POWER CIRCUIT	AB	38001A*	E-340	
23036A					AB	38001A*	E-340	
23036B					G	38001A*	E-340	
23036C					V	38001A*	E-340	
23037					V	38001A	E-340	
23038			1PBE1183B	MVDH12 POWER CIRCUIT	D	29022C	E-373	
23039					D	29022B*	E-364	
23040					D	29022A	E-363	
23041					AB	Exposed	E-378B-3	
23042			BE1183	MVDH12 CIRCUIT BREAKER (CH. 1)	V		E-350	
23043			C5704	MVDH12 CONTROL ROOM PANEL (CH. 1)	FF		E-353	
23044			CDE-11B-2	MVDH12 DISCONNECT SWITCH (CH. 1)	V		E-350	
23045			MVDH12	DH NORMAL SUCTION VALVE (CH. 1)	D		E-373	
23046			P1C2LI	MVDH12 PENETRATION TERMINAL BOX (CH. 1)	D		E-369	
23047			P1C2LX	MVDH12 PENETRATION TERMINAL BOX (CH. 1)	AB		E-350	
23048			P1P2MI	MVDH12 PENETRATION TERMINAL BOX (CH. 1)	D		E-369	
23049			P1P2MX	MVDH12 PENETRATION TERMINAL BOX (CH. 1)	AB		E-350	
23050			PSHRC2B4	MVDH12 PRESSURE SWITCH (CH. 1)	D		E-366	
23100		DH13A	2CVDH13AA	SVDH13A CONTROL CIRCUIT	AB	17093A	E-332	
23101			2CVDH13AB	SVDH13A CONTROL CIRCUIT	FF	2CP55C	E-424	
23102					DD	2CP55C	E-424	
23103					DD	2CPN	E-356-7	
23104					DD	2CPP	E-356-7	
23105					DD	2CEA	E-356-7	
23106					A	2CEA	E-356-2, 347	
23107					A	2CEB	E-335	
23108					A	17607A	E-335	
23109					AB	17607A	E-332	
23110			2CVDH13AC	SVDH13A CONTROL CIRCUIT	AB	17607D	E-332	
23111					AB	JB1739	E-332	
23112			2CVDH13AD	SVDH13A CONTROL CIRCUIT	AB	Nipple	E-332	
23113			2CVDH13AG	SVDH13A CONTROL CIRCUIT	FF	2CP18A	E-356-8	
23114					DD	2CP18A	E-356-8	
23115					DD	2CPN	E-356-7	
23116					DD	2CPP	E-356-7	
23117					DD	2CEA	E-356-7	
23118					A	2CEA	E-349-2, 347	
23119					AB	17607A	E-332	
23120			C5717	SVDH13A CONTROL ROOM PANEL (CH. 2)	FF		E-353	
23121			C5755C	SVDH13A CONTROL ROOM PANEL (CH. 2)	FF		E-353	
23122			EV1469	SVDH13A TERMINAL BOX (CH. 2)	AB		E-332	
23123			NVDH13A	SVDH13A LOCAL CONTROLLER (CH. 2)	AB		E-332	
23124			SVDH13A	DECAY HEAT CLR 2 BYPASS VLV (CH. 2)	AB		E-332	
23200		DH13B	1CVDH13BA	SVDH13B CONTROL CIRCUIT	AB	17094A	E-332	
23201			1CVDH13BB	SVDH13B CONTROL CIRCUIT	FF	1CP62C	E-356-10	
23202					DD	1CP62C	E-356-10	
23203					DD	1CPL	E-356-6	
23204					DD	1CDB	E-356-6	
23205					CC	1CDB	E-347	
23206					U	1CDB	E-349-3	
23207					G	1CDB	E-335	
23208					AB	1CDB	E-332	
23209					AB	17608A	E-332	
23210			1CVDH13BC	SVDH13B CONTROL CIRCUIT	AB	17608C	E-332	
23211					AB	JB1740	E-332	
23212			1CVDH13BD	SVDH13B CONTROL CIRCUIT	AB	Nipple	E-332	
23213			1CVDH13BE	SVDH13B CONTROL CIRCUIT	FF	1CP17A	E-356-8	
23214					DD	1CP17A	E-356-8	
23215					DD	1CPL	E-356-6	
23216					DD	1CDB	E-356-6	
23217					CC	1CDB	E-347	
23218					U	1CDB	E-349-3	
23219					G	1CDB	E-335	
23220					AB	1CDB	E-332	
23221					AB	17608A	E-332	
23222			C5717	SVDH13B CONTROL ROOM PANEL (CH. 1)	FF		E-353	
23223			C5762C	SVDH13B CONTROL ROOM PANEL (CH. 1)	FF		E-353	
23224			EV1467	SVDH13B TERMINAL BOX (CH. 1)	AB		E-332	
23225			NVDH13B	SVDH13B LOCAL CONTROLLER (CH. 1)	AB		E-332	
23226			SVDH13B	DECAY HEAT CLR 1 BYPASS VLV (CH. 1)	AB		E-332	
23300		DH14A	2CVDH14AA	SVDH14A CONTROL CIRCUIT	AB	17095A	E-332	
23301			2CVDH14AB	SVDH14A CONTROL CIRCUIT	FF	2CP55C	E-424	
23302					DD	2CP55C	E-424	
23303					DD	2CPN	E-356-7	
23304					DD	2CPP	E-356-7	
23305					DD	2CEA	E-356-7	

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APPENDIX B-1

CIRCUIT/SUB-COMPONENT LOCATION SUMMARY BY SYSTEM

ID No.	SYSTEM	COMPONENT	CIRCUIT/ SUB-COMP	DESCRIPTION	FIRE AREA	RACEWAY	RACEWAY DRAWING	CHANGE NO/TYP
23306	DHRS	DH14A	2CVDH14AB	SVDH14A CONTROL CIRCUIT	A	2CEA	E-349-2, 347	
23307					A	2CEB	E-332, 335	
23308					A	17607A	E-332, 335	
23309					AB	17607A	E-332	
23310			2CVDH14AC	SVDH14A CONTROL CIRCUIT	AB	17607B	E-332	
23311					AB	JB1741	E-332	
23312			2CVDH14AD	SVDH14A CONTROL CIRCUIT	AB	Nipple	E-332	
23313			2CVDH14AE	SVDH14A CONTROL CIRCUIT	FF	2CP17C	E-356-8	
23314					DD	2CP17C	E-356-8	
23315					DD	2CPN	E-356-7	
23316					DD	2CPP	E-356-7	
23317					DD	2CEA	E-356-7	
23318					A	2CEA	E-349-2, 347	
23319					A	2CEB	E-332, 335	
23320					A	17607A	E-332, 335	
23321					AB	17607A	E-332	
23322			2CVDH14AF	SVDH14A CONTROL CIRCUIT	G	27209A	E-335	
23323					G	2CEV	E-335	
23324					U	2CEV	E-349-3	
23325					CC	2CEV	E-347	
23326					DD	2CPN	E-356-7	
23327					DD	2CPP	E-356-7	
23328					DD	2CEA	E-356-7	
23329					A	2CEA	E-349-2, 347	
23330					A	2CEB	E-332, 335	
23331					A	17607A	E-332, 335	
23332					AB	17607A	E-332	
23333			C5717	SVDH14A CONTROL ROOM PANEL (CH. 2)	FF		E-353	
23334			C5755C	SVDH14A CONTROL ROOM PANEL (CH. 2)	FF		E-353	
23335			EV1469	SVDH14A TERMINAL BOX (CH. 2)	AB		E-332	
23336			NVDH14A	SVDH14A LOCAL CONTROLLER (CH. 2)	AB		E-332	
23337			RC2701	SVDH14A RELAY CABINET (CH. 2)	G		E-335	
23338			SVDH14A	DECAY HEAT CLR 2 OUT VLV (CH. 2)	AB		E-332	
23400		DH14B	1CVDH14BA	SVDH14B CONTROL CIRCUIT	AB	17096A	E-332	
23401			1CVDH14BB	SVDH14B CONTROL CIRCUIT	FF	1CP62C	E-356-10	
23402					DD	1CP62C	E-356-10	
23403					DD	1CPL	E-356-6	
23404					DD	1CDB	E-356-6	
23405					CC	1CDB	E-347	
23406					U	1CDB	E-349-3	
23407					G	1CDB	E-335	
23408					AB	1CDB	E-332	
23409					AB	17608A	E-332	
23410			1CVDH14BC	SVDH14B CONTROL CIRCUIT	AB	17608D	E-332	
23411					AB	JB1742	E-332	
23412			1CVDH14BD	SVDH14B CONTROL CIRCUIT	AB	Nipple	E-332	
23413			1CVDH14BE	SVDH14B CONTROL CIRCUIT	FF	1CP17A	E-356-8	
23414					DD	1CP17A	E-356-8	
23415					DD	1CPL	E-356-6	
23416					DD	1CDB	E-356-6	
23417					CC	1CDB	E-351-4	
23418					U	1CDB	E-351-4	
23419					G	1CDB	E-335	
23420					AB	1CDB	E-332	
23421					AB	17608A	E-332	
23422			1CVDH14BF	SVDH14B CONTROL CIRCUIT	A	37604A	E-349-2	
23423					U	37072A	E-349-3	
23424					U	1CJL	E-349-3	
23425					U	1CDB	E-351-4	
23426					G	1CDB	E-351-4	
23427					AB	1CDB	E-332	
23428					AB	17608A	E-332	
23429			C5717	SVDH14B CONTROL ROOM PANEL (CH. 1)	FF		E-353	
23430			C5762C	SVDH14B CONTROL ROOM PANEL (CH. 1)	FF		E-353	
23431			EV1467	SVDH14B TERMINAL BOX (CH. 1)	AB		E-332	
23432			NVDH14B	SVDH14B LOCAL CONTROLLER (CH. 1)	AB		E-332	
23433			RC3704	SVDH14B RELAY CABINET (CH. 1)	A		E-349-2	
23434			SVDH14B	DECAY HEAT CLR 1 OUT VLV (CH. 1)	AB		E-332	
23500		DH1517	1CBE1126B	MV1517 CONTROL CIRCUIT	G	27710A	E-335	
23501			1CBE1126C	MV1517 CONTROL CIRCUIT	FF	1CP02A	E-356-8	
23502					DD	1CP02A	E-356-8	
23503					DD	1CPM	E-356-6	
23504					DD	1CPL	E-356-6	
23505					DD	1CDB	E-356-6	
23506					CC	1CDB	E-351-4	
23507					U	1CDB	E-351-4	
23508					G	1CDB	E-335	

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APPENDIX B-1

CIRCUIT/SUB-COMPONENT LOCATION SUMMARY BY SYSTEM

ID No.	SYSTEM	COMPONENT	CIRCUIT/ SUB-COMP	DESCRIPTION	FIRE AREA	RACEWAY	RACEWAY DRAWING	CHANGE NO/TYP
23509	DHRS	DH1517	1CBE1126C	MV1517 CONTROL CIRCUIT	G	27708A	E-335	
23510			1CBE1126D	MV1517 CONTROL CIRCUIT	G	27504B	E-335	
23511					A	27504B	E-335	
23512			1CBE1126E	MV1517 CONTROL CIRCUIT	A	Nipple	E-335	
23513			1CBE1126F	MV1517 CONTROL CIRCUIT	A	27253A	E-335	
23514			1CBE1126G	MV1517 CONTROL CIRCUIT (MV2733 INTLK)	AB	17355A	E-332	
23515					AB	EV2733	E-332	
23516					AB	17355B	E-332	
23518					AB	1CDB	E-332	
23519					G	1CDB	E-335	
23520					G	27504C	E-335	
23521					A	27504B	E-335	
23522			1PBE1126A	MV1517 POWER CIRCUIT	G	27505A	E-335	
23523					A	27505A	E-335	
23524			BE1126	MV1517 CIRCUIT BREAKER (CH. 1)	G		E-335	
23525			C5704	MV1517 CONTROL ROOM PANEL (CH. 1)	FF		E-353	
23526			CDE-11D	MV1517 DISCONNECT SWITCH (CH. 1)	G		E-335	
23527			EV1517	MV1517 TERMINAL BOX (CH. 1)	A		E-335	
23528			MV1517	DH REMOVAL SUCTION LINE 1 VALVE (CH. 1)	A		E-335	
23529			NV1517	MV1517 LOCAL CONTROLLER (CH. 1)	A		E-335	
23600		DH1518	2CBF1129B	MV1518 CONTROL CIRCUIT	A	27706A	E-335	
23601					A	27447A	E-335	
23602					A	2CEH	E-335	
23603			2CBF1129C	MV1518 CONTROL CIRCUIT	FF	2CP02C	E-356-8	
23604					DD	2CP02C	E-356-8	
23605					DD	2CPN	E-356-7	
23606					DD	2CED	E-356-7	
23607					A	2CED	E-349-2, 347	
23608					A	2CEG	E-335	
23609					A	2CEH	E-335	
23610					A	2CEH	E-335	
23611					A	27705A	E-335	
23612			2CBF1129D	MV1518 CONTROL CIRCUIT	A	27434A	E-335	
23613					A	27447A	E-335	
23614					A	2CEH	E-335	
23615			2CBF1129E	MV1518 CONTROL CIRCUIT	A	Nipple	E-335	
23616			2CBF1129F	MV1518 CONTROL CIRCUIT	A	27254A	E-335	
23617			2CBF1129G	MV1518 CONTROL CIRCUIT (MV2734 INTLK)	AB	17358A	E-332	
23618					AB	EV2734	E-332	
23619					AB	27444A	E-332	
23620					AB	27444A	E-335	
23621					A	27444C	E-335	
23622					A	27434A	E-335	
23623					A	2CEH	E-335	
23624			2PBF1129A	MV1518 POWER CIRCUIT	A	27433A	E-335	
23625			BF1129	MV1518 CIRCUIT BREAKER (CH. 2)	A		E-335	
23626			C5704	MV1518 CONTROL ROOM PANEL (CH. 2)	FF		E-353	
23627			CDF-11C	MV1518 DISCONNECT SWITCH (CH. 2)	A		E-335	
23628			EV1518	MV1518 TERMINAL BOX (CH. 2)	A		E-335	
23629			MV1518	DH REMOVAL SUCTION LINE 2 VALVE (CH. 2)	A		E-335	
23630			NV1518	MV1518 LOCAL CONTROLLER (CH. 2)	A		E-335	
23700		DH2733	1CBE1121B	MV2733 CONTROL CIRCUIT	V	1CJM	E-350	
23701					V	38551A	E-350	
23702					V	1CFF	E-350	
23703					G	1CFF	E-336	
23704					G	28333A	E-336	
23705			1CBE1121C	MV2733 CONTROL CIRCUIT	FF	1CP17A	E-356-8	
23706					DD	1CP17A	E-356-8	
23707					DD	1CPL	E-356-6	
23708					DD	1CJL	E-356-6	
23709					CC	1CJL	E-347	
23710					U	1CJL	E-349-3	
23711					V	1CJL	E-350	
23712					V	38550A	E-350	
23713			1CBE1121D	MV2733 CONTROL CIRCUIT	AB	28313A	E-332	
23714					G	28313A	E-336	
23715			1CBE1121E	MV2733 CONTROL CIRCUIT	AB	Nipple	E-332	
23716			1CBE1121F	MV2733 CONTROL CIRCUIT	AB	17355A	E-332	
23717			1CBE1121G	MV2733 CONTROL CIRCUIT (MV1517 INTLK)	AB	17355C	E-332	
23718					AB	1CDB	E-332	
23719					G	27504C	E-335	
23720					G	1CDB	E-335	
23721					A	27504B	E-335	
23722					A	EV1517	E-335	
23723					A	27253A	E-335	
23724			1CBE1121H	MV2733 CONTROL CIRCUIT	FF	1CP62C	E-356-10	
23725					DD	1CP62C	E-356-10	

RACEWAY LEGEND (A) = 3-HR FIRE WRAP (B) = 1-HR FIRE WRAP (C) = RADIANT ENERGY SHIELD * = EMBEDDED CONDUIT

APPENDIX B-1

CIRCUIT/SUB-COMPONENT LOCATION SUMMARY BY SYSTEM

ID No.	SYSTEM	COMPONENT	CIRCUIT/ SUB-COMP	DESCRIPTION	FIRE AREA	RACEWAY	RACEWAY DRAWING	CHANGE NO/TYP
23726	DHRS	DH2733	1CBE1121H	MV2733 CONTROL CIRCUIT	DD	1CPL	E-356-6	
23727					DD	1CJM	E-356-6	
23728					CC	1CJM	E-347	
23729					U	1CJM	E-349-3	
23730					V	1CFF	E-350	
23731					G	1CFF	E-336	
23732					G	28334A	E-336	
23733			1PBE1121A	MV2733 POWER CIRCUIT	G	28312A	E-336	
23734					AB	28312A	E-332	
23735			BE1121	MV2733 CIRCUIT BREAKER (CH. 1)	G		E-336	
23736			C5717	MV2733 CONTROL ROOM PANEL (CH. 1)	FF		E-353	
23737			C5762C	MV2733 CONTROL ROOM PANEL (CH. 1)	FF		E-353	
23738			CDE-11A	MV2733 DISCONNECT SWITCH (CH. 1)	V		E-350	
23739			EV2733	MV2733 TERMINAL BOX (CH. 1)	AB		E-332	
23740			MV2733	LPI/DH PUMP 1 BWST SUCT VLV (CH. 1)	AB		E-332	
23741			NV2733	MV2733 LOCAL CONTROLLER (CH. 1)	AB		E-332	
23800		DH2734	2CBF1134B	MV2734 CONTROL CIRCUIT	A	27706A	E-335	
23801					A	27438A	E-335	
23802					A	2CEH	E-335	
23803			2CBF1134C	MV2734 CONTROL CIRCUIT	FF	2CP17C	E-356-8	
23804					DD	2CP17C	E-356-8	
23805					DD	2CPN	E-356-7	
23806					DD	2CED	E-356-7	
23807					A	2CED	E-335, 349-2	
23808					A	2CEG	E-335	
23809					A	2CEH	E-335	
23810					A	27705A	E-335	
23811			2CBF1134D	MV2734 CONTROL CIRCUIT	AB	27444A	E-332	
23812					A	27444B	E-335	
23813			2CBF1134E	MV2734 CONTROL CIRCUIT	AB	Nipple	E-332	
23814			2CBF1134F	MV2734 CONTROL CIRCUIT	AB	17358A	E-332	
23815			2CBF1134G	MV2734 CONTROL CIRCUIT (MV1518 INTLK)	AB	27444A	E-335	
23816					AB	27444A	E-332	
23817					A	EV1518	E-335	
23818					A	27444C	E-335	
23819					A	27254A	E-335	
23820					A	27434A	E-335	
23821					A	2CEH	E-335	
23822			2CBF1134H	MV2734 CONTROL CIRCUIT	FF	2CP55C	E-424	
23823					DD	2CP55C	E-424	
23824					DD	2CPN	E-356-7	
23825					DD	2CPP	E-356-7	
23826					DD	2CEA	E-356-7	
23827					DD	57951A	E-356-1	
23828					DD	2CED	E-356-1	
23829					A	2CED	E-335, 349-2	
23830					A	2CEG	E-335	
23831					A	27438A	E-335	
23832					A	2CEH	E-335	
23833			2PBF1134A	MV2734 POWER CIRCUIT	A	27443A	E-335	
23834					AB	27443A	E-335	
23835					AB	27443A	E-332	
23836			BF1134	MV2734 CIRCUIT BREAKER (CH. 2)	A		E-335	
23837			C5717	MV2734 CONTROL ROOM PANEL (CH. 2)	FF		E-353	
23838			C5755C	MV2734 CONTROL ROOM PANEL (CH. 2)	FF		E-353	
23839			CDF-11C	MV2734 DISCONNECT SWITCH (CH. 2)	A		E-335	
23840			EV2734	MV2734 TERMINAL BOX (CH. 2)	AB		E-332	
23841			MV2734	LPI/DH PUMP 2 BWST SUCT VLV (CH. 2)	AB		E-332	
23842			NV2734	MV2734 LOCAL CONTROLLER (CH. 2)	AB		E-332	
23845E		DH2735	1CBE1155C	DH2735 CONTROL CIRCUIT	V	1CJP	E-350	
23845F					AB	1CJP	E-350, 351-5	
23845G					AB	380768	E-350, 351-5	
23845H					AB	EXPOSED	E-350, 348	
23845I			1CBE1155D	DH2735 CONTROL CIRCUIT	D	39171A	E-363, 369	
23845J					D	39169A	E-369	
23845K			1CBE1155E	DH2735 CONTROL CIRCUIT	V	38386A	E-350	
23845L					V	1CJM	E-350	
23845M					V	38564A	E-350	
23845N			1CBE1155F	DH2735 CONTROL CIRCUIT	V	38562A	E-350	
23845P					V	1CJL	E-350, 349-3	
23845Q					U	1CJL	E-349-3	
23845R					CC	1CJL	E-347	
23845S					DD	1CJL	E-356-6	
23845T					DD	1CPL	E-356-6	
23845U					DD	1CPT	E-356-6	
23845V					DD	1CPM	E-356-6	
23845W					DD	1CP02A	E-356-8	

RACEWAY LEGEND (A) = 3-HR FIRE WRAP (B) = 1-HR FIRE WRAP (C) = RADIANT ENERGY SHIELD * = EMBEDDED CONDUIT

APPENDIX B-1

CIRCUIT/SUB-COMPONENT LOCATION SUMMARY BY SYSTEM

ID No.	SYSTEM	COMPONENT	CIRCUIT/ SUB-COMP	DESCRIPTION	FIRE AREA	RACEWAY	RACEWAY DRAWING	CHANGE NO/TYP
23845X	DHRS	DH2735	1CBE1155F	DH2735 CONTROL CIRCUIT	FF	1CP02A	E-356-8	
23844			1PBE1155A	DH2735 CONTROL CIRCUIT	V	38385A	E-350	
23845					AB	38385A	E-350, 351-5	
23845A					AB	EXPOSED	E-350, 348	
23845B			1PBE1155B	DH2735 CONTROL CIRCUIT	D	1PBM01	E-363, 369	
23845C					D	39170A	E-363, 369	
23845D					D	39168A	E-369	
23848			BE1155	DH2735 CONTROL CIRCUIT	V		E-350	
23846			C5705	DH2735 CONTROL CIRCUIT	FF		E-356-8	
23847			CDE-11B-1	DH2735 CONTROL CIRCUIT	V		E-350	
23849			MV2735	DH2735 CONTROL CIRCUIT	D		E-369	
23851			P1C2LX	DH2735 CONTROL CIRCUIT	AB		E-351-5	
23853			P1P2LI	MV2735 PENETRATION TERMINAL BOX (CH 1)	D		E-350	
23852			P1P2MI	MV2735 PENETRATION TERMINAL BOX (CH1)	D		E-350	
23850			P1P2MX	DH2735 CONTROL CIRCUIT	AB		E-351-5	
23860B		DH2736	2CBF1125B	DH2736 CONTROL CIRCUIT	DF	47324A	E-347	
23860C					A	47324A	E-349-2	
23860D			2CBF1125C	DH2736 CONTROL CIRCUIT	A	37504A	E-349-2	
23860E			2CBF1125D	DH2736 CONTROL CIRCUIT	A	NIPPLE	E-349-2	
23860F			2CBF1125E	DH2736 CONTROL CIRCUIT	DF	47326A	E-347	
23860G					DF	2CLA	E-347-1	
23860H					DF	2CLB	E-347	
23860I					DF	47703A	E-347	
23860J			2CBF1125F	DH2736 CONTROL CIRCUIT	DF	47704A	E-347	
23860K					DF	2CLB	E-347	
23860L					DF	2CLA	E-347	
23860M					DD	2CLA	E-356-7	
23860N					DD	2CPP	E-356-7	
23860P					DD	2CPN	E-356-7	
23860Q					DD	2CP02C	E-356-8	
23860R					FF	2CP02C	E-356-8	
23860			2PBF1125A	DH2736 CONTROL CIRCUIT	DF	47325A	E-347	
23860A					A	47325A	E-349-2	
23863			BF1125	DH2736 CONTROL CIRCUIT	DF		E-347	
23861			C5705	DH2736 CONTROL CIRCUIT	FF		E-356-8	
23862			CDF-11A-2	DH2736 CONTROL CIRCUIT	DF		E-347	
23865			EV2736	DH2736 CONTROL CIRCUIT	A		E-349-2	
23864			MV2736	DH2736 CONTROL CIRCUIT	A		E-349-2	
23866			NV2736	DH2736 CONTROL CIRCUIT	A		E-349-2	
23900		DH63	2CBF1195B	MVDH63 CONTROL CIRCUIT	A	17625A	E-332	
23901			2CBF1195C	MVDH63 CONTROL CIRCUIT	B	18226A	E-412	
23902					AB	18226A	E-412, 332	
23903					A	18226A	E-332	
23904					A	18226C	E-332	
23905			2CBF1195D	MVDH63 CONTROL CIRCUIT	G	27703B	E-335	
23906					G	JB2729	E-335	
23907					G	18227A	E-335	
23908					AB	18227A	E-332, 412	
23909					B	18227A	E-412	
23910			2CBF1195E	MVDH63 CONTROL CIRCUIT	A	Nipple	E-332	
23911			2CBF1195F	MVDH63 CONTROL CIRCUIT	FF	2CP16C	E-356-8	
23912					DD	2CP16C	E-356-8	
23913					DD	2CPN	E-356-6	
23914					DD	2CEV	E-356-6	
23915					CC	2CEV	E-347	
23916					U	2CEV	E-349-3	
23917					G	2CEV	E-335	
23918					G	27703B	E-335	
23919					G	27703A	E-335	
23920					G	JB2729	E-335	
23921			2PBF1195A	MVDH63 POWER CIRCUIT	B	18225A	E-412	
23922					AB	18225A	E-332, 412	
23923					A	18225A	E-332	
23924					A	18225C	E-332	
23925			BF1195	MVDH63 CIRCUIT BREAKER (CH. 2)	B		E-412	
23926			CDF-11D	MVDH63 DISCONNECT SWITCH (CH. 2)	G		E-335	
23927			EVDH63	MVDH63 TERMINAL BOX (CH. 2)	A		E-332	
23928			MVDH63	LPI/HPI CROSS-TIE VALVE (CH. 2)	A		E-332	
23929			NVDH63	MVDH63 LOCAL CONTROLLER (CH. 2)	A		E-332	
24000		DH64	1CBE1187B	MVDH64 CONTROL CIRCUIT	AB	18233A	E-412	
24001			1CBE1187C	MVDH64 CONTROL CIRCUIT	AB	18232C	E-412	
24002					AB	18232B	E-412	
24003					AB	18232B	E-336	
24004					G	18232B	E-336	
24005					G	1CFF	E-336	
24006					V	1CFF	E-350	

RACEWAY LEGEND (A) = 3-HR FIRE WRAP (B) = 1-HR FIRE WRAP (C) = RADIANT ENERGY SHIELD * = EMBEDDED CONDUIT

APPENDIX B-1

CIRCUIT/SUB-COMPONENT LOCATION SUMMARY BY SYSTEM

ID No.	SYSTEM	COMPONENT	CIRCUIT/ SUB-COMP	DESCRIPTION	FIRE AREA	RACEWAY	RACEWAY DRAWING	CHANGE NO/TYP
24007	DHRS	DH64	1CBE1187C	MVDH64 CONTROL CIRCUIT	V	1CJM	E-350	
24008					V	48114A	E-350	
24009					AB	48114A	E-350	
24010					V	48114A	E-348	
24011					DG	48114A	E-348	
24012					DG	CDE-11E	E-348	
24013					DG	48069A	E-348	
24014			1CBE1187D	MVDH64 CONTROL CIRCUIT	DG	48135B	E-348	
24015			1CBE1187E	MVDH64 CONTROL CIRCUIT	AB	Nipple	E-412	
24016			1CBE1187F	MVDH64 CONTROL CIRCUIT	FF	1CP16A	E-356-8	
24017					DD	1CP16A	E-356-8	
24018					DD	1CPL	E-356-6	
24019					DD	1CLA	E-356-6	
24020					V	1CLA	E-347	
24021					V	1CLA	E-348	
24022					V	48135A	E-348	
24024					DG	48135A	E-348	
24025			1PBE1187A	MVDH64 POWER CIRCUIT	DG	18235A	E-348	
24026					AB	18235A	E-350	
24027					V	18235A	E-350	
24028					G	18235A	E-336	
24029					AB	18235A	E-412	
24030			BE1187	MVDH64 CIRCUIT BREAKER (CH. 1)	DG		E-348	
24035			C5716	MVDH64 CONTROL PANEL	FF		E-356-8	
24031			CDE-11E	MVDH64 DISCONNECT SWITCH (CH. 1)	DG		E-348	
24032			EVDH64	MVDH64 TERMINAL BOX (CH. 1)	AB		E-412	
24033			MVDH64	LPI/HPI CROSS-TIE VALVE (CH. 1)	AB		E-412	
24034			NVDH64	MVDH64 LOCAL CONTROLLER (CH. 1)	AB		E-412	
24040		E27-1	N/A	DHRS COOLER 1-1	AB	MAN		
24045		E27-2	N/A	DHRS COOLER 1-2	AB	MAN		
24300		P42-1	1CAC112B	MP0421 CONTROL CIRCUIT	FF	1CP16A	E-356-8	
24301					DD	1CP16A	E-356-8	
24302					DD	1CPL	E-356-1, 356-6	
24303					DD	27113C	E-356-1, 356-6	
24304					DD	27113B*	E-339,344,356	
24304A					II	27113B*	E-339, 344, 356	
24304B					CC	27113B*	E-339, 344, 356	
24305					II	27113A*	E-333, 339	
24305A					UU	27113A*	E-333, 339	
24305B					A	27113A*	E-333, 339	
24306					A	27113	E-335	
24307					A	1CEA	E-335	
24308					E	1CEA	E-335	
24309					DUCT	36086B*	E-337	
24310					S	JB3607	E-338	
24311					S	36086A	E-338	
24312					S	1CGC	E-338	
24313					S	36523A	E-338	
24314					S	1CGZ	E-338	
24316			1CAC112C	MP0421 CONTROL CIRCUIT	FF	1CP16A	E-356-8	
24317					DD	1CP16A	E-356-8	
24318					DD	1CPL	E-356-1, 356-6	
24319					DD	27113C	E-356-1, 356-6	
24320					DD	27113B*	E-333,344,356	
24320A					II	27113B*	E-339, 344, 356	
24320B					CC	27113B*	E-339, 344, 356	
24320C					II	27113A*	E-333, 339	
24320D					UU	27113A*	E-333, 339	
24320E					A	27113A*	E-333, 339	
24321					A	27113	E-335	
24322					A	1CEA	E-335	
24323					E	1CEA	E-335	
24324					DUCT	36068B*	E-337, 339	
24325					S	JB3607	E-338	
24326					S	36086A	E-338	
24327					S	1CGC	E-338	
24328					S	36523A	E-338	
24329					S	1CGZ	E-338	
24330			1CAC112E	MP0421 CONTROL CIRCUIT	AB	36008F	E-332	
24331					AB	36008D	E-332	
24332					AB	36008C*	E-330, 331	
24332A					A	36008C*	E-330, 331	
24333					A	36008B (A)	E-332	
24334					DUCT	36008A*	E-337	
24335					S	36008	E-338	
24336					S	36523A	E-338	

RACEWAY LEGEND (A) = 3-HR FIRE WRAP (B) = 1-HR FIRE WRAP (C) = RADIANT ENERGY SHIELD * = EMBEDDED CONDUIT

APPENDIX B-1

CIRCUIT/SUB-COMPONENT LOCATION SUMMARY BY SYSTEM

ID No.	SYSTEM	COMPONENT	CIRCUIT/ SUB-COMP	DESCRIPTION	FIRE AREA	RACEWAY	RACEWAY DRAWING	CHANGE NO/TYP
24337	DHRS	P42-1	1CAC112E	MP0421 CONTROL CIRCUIT	S	1CGZ	E-338	
24338			1CAC112F	MP0421 CONTROL CIRCUIT	FF	1CP62C	E-356-10	
24339					DD	1CP62C	E-356-10	
24340					DD	1CPL	E-356-1, 356-6	
24341					DD	27113C	E-356-1, 356-6	
24342					DD	27113B*	E-339,344,356	
24342A					II	27113B*	E-339, 344, 356	
24342B					CC	27113B*	E-339, 344, 356	
24343					II	27113A*	E-333, 339	
24343A					UU	27113A*	E-333, 339	
24343B					A	27113A*	E-333, 339	
24344					A	27113	E-335	
24345					A	1CEA	E-335	
24346					E	1CEA	E-335	
24347					S	36086B	E-337	
24348					S	JB3607	E-338	
24349					S	36086A	E-338	
24350					S	1CGC	E-338	
24351					S	36523A	E-338	
24352					S	1CGZ	E-338	
24353			1PAC112A	MP0421 POWER CIRCUIT	AB	36009D	E-332	
24354					AB	36009C*	E-330	
24354A					A	36009C*	E-330, 331	
24355					A	36009B (A)	E-332	
24356					S	36009A	E-338	
24357					DUCT	36009A*	E-337	
24358			AC112	MP0421 CIRCUIT BREAKER (CH. 1)	S		E-338	
24359			C5716	MP0421 CONTROL ROOM PANEL (CH 1)	FF		E-353	
24363					FF		E-353	
24360			C5762C	MP0421 CONTROL ROOM PANEL (CH. 1)	FF		E-353	
24361			MP0421	DH PUMP #1 (CH. 1)	AB		E-332	
24362			NP0421	MP0421 LOCAL CONTROLLER (CH. 1)	AB		E-332	
24400		P42-2	2CAD112B	MP0422 CONTROL CIRCUIT	FF	2CP16C	E-356-8	
24401					DD	2CP16C	E-356-8	
24402					DD	2CPN	E-356-7	
24403					DD	2CED	E-356-7	
24404					A	2CED	E-335, 349-2	
24405					A	2CEG	E-335	
24406					A	2CEF	E-335	
24407					F	2CEF	E-335	
24408					DUCT	36178B*	E-337, 342	
24409					Q	36178B	E-338	
24410					Q	JB3620	E-338, 418	
24411					Q	36178A	E-338, 418	
24412					Q	36723A	E-338	
24413					Q	2CGE	E-338	
24414			2CAD112C	MP0422 CONTROL CIRCUIT	FF	2CP16C	E-356-8	
24415					DD	2CP16C	E-356-8	
24416					DD	2CPN	E-356-7	
24417					DD	2CED	E-356-7	
24418					A	2CED	E-335, 349-2	
24419					A	2CEG	E-335	
24420					A	2CEF	E-335	
24421					F	2CEF	E-335	
24422					DUCT	36178B*	E-337, 342	
24423					Q	36178B	E-338	
24424					Q	JB3620	E-338, 418	
24425					Q	36178A	E-338, 418	
24426					Q	36723A	E-338	
24427					Q	2CGE	E-338	
24428			2CAD112E	MP0422 CONTROL CIRCUIT	A	36108E	E-332	
24429					A	36108D	E-332	
24430					A	36108C*	E-330	
24431					A	36108B	E-332	
24432					DUCT	36108A*	E-337	
24433					Q	36108	E-338	
24434					Q	36723A	E-338	
24435					Q	2CGE	E-338	
24436			2CAD112F	MP0422 CONTROL CIRCUIT	A	2CED	E-335, 349-2	
24437					A	2CEG	E-335	
24438					FF	2CP55C	E-424	
24439					DD	2CP55C	E-424	
24440					DD	2CPN	E-356-7	
24441					DD	2CED	E-356-7	
24442					A	2CEF	E-335	
24443					F	2CEF	E-335	
24444					DUCT	36178B*	E-337, 342	
24445					Q	36178B	E-338	

RACEWAY LEGEND (A) = 3-HR FIRE WRAP (B) = 1-HR FIRE WRAP (C) = RADIANT ENERGY SHIELD * = EMBEDDED CONDUIT

APPENDIX B-1

CIRCUIT/SUB-COMPONENT LOCATION SUMMARY BY SYSTEM

ID No.	SYSTEM	COMPONENT	CIRCUIT/ SUB-COMP	DESCRIPTION	FIRE AREA	RACEWAY	RACEWAY DRAWING	CHANGE NO/TYP
24446	DHRS	P42-2	2CAD112F	MP0422 CONTROL CIRCUIT	Q	JB3620	E-338, 418	
24447					Q	36178A	E-338, 418	
24448					Q	36723A	E-338	
24449					Q	2CGE	E-338	
24450			2PAD112A	MP0422 POWER CIRCUIT	DUCT	36109A*	E-337	
24451					A	36109D	E-332	
24452					A	36109C*	E-330	
24453					A	36109B	E-332	
24454					Q	36109A	E-337	
24455			AD112	MP0422 CIRCUIT BREAKER (CH. 2)	Q		E-338	
24456			C5616	MP0422 CONTROL ROOM PANEL (CH 2)	FF		E-353	
24457			C5755C	MP0422 CONTROL ROOM PANEL (CH. 2)	FF		E-353	
24458			MP0422	DH PUMP #2 (CH. 2)	A		E-332	
24459			NP0422	MP0422 LOCAL CONTROLLER (CH. 2)	A		E-332	
24470		T-10	N/A	BORATED WATER STORAGE TANK	OS	MAN		
24500	EDG	DA1147A/B	1CGD104A	SV1147A/B CONTROL CIRCUIT	K	36962B	E-338	
24501					K	36960A	E-338	
24502					K	1CGP	E-338	
24503			1CGD104B	SV 1147A/B CONTROL CIRCUIT	FF	1CP15A	E-356-8	
24504					DD	1CP15A	E-356-8	
24505					DD	1CPL	E-356-1, 356-6	
24506					DD	27113C	E-356-1, 356-6	
24507					DD	27113B*	E-339,344,356	
24507A					II	27113B*	E-339, 344, 356	
24507B					CC	27113B*	E-339, 344, 356	
24508					II	27113A*	E-333, 339	
24508A					UU	27113A*	E-333, 339	
24508B					A	27113A*	E-333, 339	
24509					A	27113	E-335	
24510					A	1CEA	E-335	
24511					E	1CEA	E-335	
24512					DUCT	36086B*	E-337, 342	
24513					S	36086B	E-337, 342	
24514					S	JB3607	E-338, 418	
24515					S	36086A	E-338, 418	
24516					S	36075A	E-338	
24517					S	1CGC	E-338	
24518					DUCT	36075B*	E-337, 341	
24519					K	36075C	E-338	
24520					K	36960A	E-338	
24521					K	1CGP	E-338	
24522			1CGD104C	SV 1147A/B CONTROL CIRCUIT	FF	1CP63C	E-424	
24523					DD	1CP63C	E-424	
24524					DD	1CPL	E-356-1, 356-6	
24525					DD	27113C	E-356-1, 356-6	
24526					DD	27113B*	E-339,344,356	
24526A					II	27113B*	E-339, 344, 356	
24526B					CC	27113B*	E-339, 344, 356	
24527					II	27113A*	E-333, 339	
24527A					UU	27113A*	E-333, 339	
24527B					A	27113A*	E-333, 339	
24528					A	27113	E-335	
24529					A	1CEA	E-335	
24530					E	1CEA	E-335	
24531					DUCT	36086B*	E-337, 342	
24532					S	36086B	E-338	
24533					S	JB3607	E-338, 418	
24534					S	36086A	E-338, 418	
24535					S	36075A	E-338	
24536					S	1CGC	E-338	
24537					DUCT	36075B*	E-337, 341	
24538					K	36075C	E-338	
24539					K	1CGP	E-338	
24540					K	36960A	E-338	
24541			1CGD104D	SV1147A/B CONTROL CIRCUIT	K	36960A	E-338	
24542					K	36967A	E-338	
24543					K	1CGP	E-338	
24544			1CGD104E	SV1147A/B CONTROL CIRCUIT	DD	1CPL	E-356-1, 356-6	
24545					DD	27120A	E-356-1, 356-6	
24546					UU	27120A	E-349-1	
24547					A	27120A	E-335	
24548					A	1CEB	E-335	
24549					E	1CEB	E-335	
24550					DUCT	36091B*	E-337, 342	
24551					S	36091B	E-338	
24552					S	JB3607	E-338, 418	
24553					FF	1CP63C	E-424	

RACEWAY LEGEND (A) = 3-HR FIRE WRAP (B) = 1-HR FIRE WRAP (C) = RADIANT ENERGY SHIELD * = EMBEDDED CONDUIT

APPENDIX B-1

CIRCUIT/SUB-COMPONENT LOCATION SUMMARY BY SYSTEM

ID No.	SYSTEM	COMPONENT	CIRCUIT/ SUB-COMP	DESCRIPTION	FIRE AREA	RACEWAY	RACEWAY DRAWING	CHANGE NO/TYP
24554	EDG	DA1147A/B	1CGD104E	SV1147A/B CONTROL CIRCUIT	DD	1CP63C	E-424	
24555					S	36091A	E-338, 418	
24556					S	36041A	E-338	
24557					S	1CGC	E-338	
24558					DUCT	36041B*	E-337, 341	
24559					K	36041B	E-338	
24560					K	JB3637	E-338	
24561					K	36041C	E-338	
24562					K	36581A	E-338	
24563					K	1CGP	E-338	
24563A			1CGD104F	EDG 1-1 CONTROL CIRCUIT	K	36966B	E-338	
24563B					K	1CGP	E-338	
24563C					K	36960	E-338	
24600		DA1148A/B	2CGD204A	SV1148A/B CONTROL CIRCUIT	J	36917B	E-338	
24601					J	36915A	E-338	
24602					J	2CGS	E-338	
24603			2CGD204B	SV1148A/B CONTROL CIRCUIT	FF	2CP15C	E-356-8	
24604					DD	2CP15C	E-356-8	
24605					DD	2CPN	E-356-7	
24606					DD	2CED	E-356-7	
24607					A	2CED	E-356-7	
24608					A	2CEG	E-335,349-2,347	
24609					A	2CEF	E-335	
24610					F	2CEF	E-335	
24611					DUCT	36178B*	E-337, 342	
24612					Q	36178B	E-338	
24613					Q	JB3620	E-338, 418	
24614					Q	36178A	E-338, 418	
24615					Q	2CGE	E-338	
24616					Q	36175A	E-338	
24617					DUCT	36175B*	E-337	
24618					J	36175C	E-338	
24619					J	36915A	E-338	
24620					J	2CGS	E-338	
24621			2CGD204C	SV1148A/B CONTROL CIRCUIT	FF	2CP56C	E-424	
24622					DD	2CP56C	E-424	
24623					DD	2CPN	E-356-7	
24624					DD	2CED	E-356-7	
24625					A	2CED	E-356-7	
24626					A	2CEG	E-335,349-2,347	
24627					A	2CEF	E-335	
24628					F	2CEF	E-335	
24629					DUCT	36178B*	E-337, 342	
24630					Q	36178B	E-338	
24631					Q	JB3620	E-338, 418	
24632					Q	36178A	E-338, 418	
24633					Q	2CGE	E-338	
24634					Q	36175A	E-338	
24635					DUCT	36175B*	E-337	
24636					J	36175C	E-338	
24637					J	36915A	E-338	
24638					J	2CGS	E-338	
24639			2CGD204D	SV1148A/B CONTROL CIRCUIT	J	36587A	E-338	
24640					J	36923A	E-338	
24641					J	2CGS	E-338	
24642			2CGD204E	SV1148A/B CONTROL CIRCUIT	FF	2CP56C	E-424	
24643					DD	2CP56C	E-424	
24644					DD	2CPN	E-356-7	
24645					DD	2CED	E-356-7	
24646					A	2CED	E-356-7	
24647					A	2CEG	E-335,349-2,347	
24648					A	2CEF	E-335	
24649					F	2CEF	E-335	
24650					DUCT	36178B*	E-337, 342	
24651					Q	36178B	E-338	
24652					Q	JB3620	E-338, 418	
24653					Q	36178A	E-338, 418	
24654					Q	36176A	E-338	
24655					Q	2CGE	E-338	
24656					DUCT	36176B*	E-337	
24657					J	36176C	E-338	
24658					J	36915A	E-338	
24659					J	2CGS	E-338	
24659A			2CGD204F	EDG 1-2 CONTROL CIRCUIT	J	36921A	E-338	
24659B					J	2CGS	E-338	
24659C					J	36915A	E-338	
24480		DA2987	N/A	AIR START RCVR 1-1-1 DISCHARGE VALVE	K	MAN		

RACEWAY LEGEND (A) = 3-HR FIRE WRAP (B) = 1-HR FIRE WRAP (C) = RADIANT ENERGY SHIELD * = EMBEDDED CONDUIT

APPENDIX B-1

CIRCUIT/SUB-COMPONENT LOCATION SUMMARY BY SYSTEM

ID No.	SYSTEM	COMPONENT	CIRCUIT/ SUB-COMP	DESCRIPTION	FIRE AREA	RACEWAY	RACEWAY DRAWING	CHANGE NO/TYP
24481	EDG	DA2988	N/A	AIR START RCVR 1-1-2 DISCHARGE VALVE	K	MAN		
24482		DA2989	N/A	AIR START RCVR 1-2-1 DISCHARGE VALVE	J	MAN		
24487		DA2994	N/A	AIR START RCVR 1-2-2 DISCHARGE VALVE	J	MAN		
24470A		DA60	N/A	AIR START RCVR 1-1-1 RELAY VALVE	K	MAN		
24471		DA61	N/A	AIR START RCVR 1-1-2 RELAY VALVE	K	MAN		
24475		DA62	N/A	AIR START RCVR 1-2-1 RELAY VALVE	J	MAN		
24476		DA63	N/A	AIR START RCVR 1-2-2 RELAY VALVE	J	MAN		
24670		E10-1	N/A	EDG 1 JACKET WATER HEAT EXCHANGER	K	MAN		
24671		E10-2	N/A	EDG 2 JACKET WATER HEAT EXCHANGER	J	MAN		
24700		K5-1	1CGD101C	EDG 1-1 CONTROL CIRCUIT	K	36964A	E-338	
24701					K	36969A	E-338	
24702					K	1CGP	E-338	
24703			1CGD101D	EDG 1-1 CONTROL CIRCUIT	K	36964A	E-338	
24704					K	36969A	E-338	
24705					K	1CGP	E-338	
24706			1CGD101E	EDG 1-1 CONTROL CIRCUIT	K	36964A	E-338	
24707					K	36969A	E-338	
24708					K	1CGP	E-338	
24709			1CGD101F	EDG 1-1 CONTROL CIRCUIT	K	36964A	E-338	
24710					K	36969A	E-338	
24711					K	1CGP	E-338	
24712			1CGD101G	EDG 1-1 CONTROL CIRCUIT	S	36501A	E-338	
24713					S	1CGZ	E-338	
24714					S	1CGC	E-338	
24715					S	36040A	E-338	
24716					DUCT	36040B*	E-337, 341	
24717					K	JB3637	E-338	
24718					K	36040C	E-338	
24719					K	36964B	E-338	
24720					K	1CGP	E-338	
24721			1CGD101H	EDG 1-1 CONTROL CIRCUIT	K	36968A	E-338	
24722					K	36964A	E-338	
24723					K	1CGP	E-338	
24724			1CGD101I	EDG 1-1 CONTROL CIRCUIT	K	36968A	E-338	
24725					K	36964A	E-338	
24726					K	1CGP	E-338	
24727			1CGD101J	EDG 1-1 CONTROL CIRCUIT	S	36505A	E-338	
24728					S	1CGZ	E-338	
24729					S	1CGC	E-338	
24730					S	36040A	E-338	
24731					DUCT	36040B*	E-337	
24732					K	JB3637	E-338	
24733					K	36040C	E-338	
24734					K	36962A	E-338	
24735					K	1CGP	E-338	
24736			1CGD101K	EDG 1-1 CONTROL CIRCUIT	DUCT	36505A*	E-337, 341	
24737					S	1CGZ	E-338	
24738					S	1CGC	E-338	
24739					S	36040A	E-338	
24740					DUCT	36040B*	E-337, 341	
24741					K	JB3637	E-338	
24742					K	36040C	E-338	
24743					K	36962A	E-338	
24744					K	1CGP	E-338	
24745			1CGD101L	EDG 1-1 CONTROL CIRCUIT	FF	1CP15A	E-356-8	
24746					DD	1CP15A	E-356-8	
24747					DD	1CPL	E-356-1, 356-6	
24748					DD	27112C	E-356-1, 356-6	
24749					DD	27112B*	E-339,344,356	
24749A					II	27112B*	E-339, 344, 356	
24749B					CC	27112B*	E-339, 344, 356	
24750					II	27112A*	E-333, 339	
24750A					UU	27112A*	E-333, 339	
24750B					A	27112A*	E-333, 339	
24751					A	27112	E-335	
24752					A	1CEA	E-335	
24753					E	1CEA	E-335	
24754					DUCT	36083B*	E-337	
24755					S	JB3607	E-338	
24756					S	36083A	E-338	

RACEWAY LEGEND (A) = 3-HR FIRE WRAP (B) = 1-HR FIRE WRAP (C) = RADIANT ENERGY SHIELD * = EMBEDDED CONDUIT

APPENDIX B-1

CIRCUIT/SUB-COMPONENT LOCATION SUMMARY BY SYSTEM

ID No.	SYSTEM	COMPONENT	CIRCUIT/ SUB-COMP	DESCRIPTION	FIRE AREA	RACEWAY	RACEWAY DRAWING	CHANGE NO/TYP
24757	EDG	K5-1	1CGD101L	EDG 1-1 CONTROL CIRCUIT	S	1CGC	E-338	
24758					S	36075A	E-338	
24759					DUCT	36075B*	E-337, 341	
24760					K	36075C	E-338	
24761					K	36962B	E-338	
24762					K	1CGP	E-338	
24763			1CGD101N	EDG 1-1 CONTROL CIRCUIT	FF	1CP15A	E-356-8	
24764					DD	1CP15A	E-356-8	
24765					DD	1CPL	E-356-1, 356-6	
24766					DD	27112C	E-356-1, 356-6	
24767					DD	27112B*	E-339, 344, 356	
24767A					II	27112B*	E-339, 344, 356	
24767B					CC	27112B*	E-339, 344, 356	
24768					II	27112A*	E-333, 339	
24768A					UU	27112A*	E-333, 339	
24768B					A	27112A*	E-333, 339	
24769					A	27112	E-335	
24770					A	1CEA	E-335	
24771					E	1CEA	E-335	
24772					DUCT	36083B*	E-337, 342	
24773					S	JB3607	E-338	
24774					S	36083A	E-338	
24775					S	1CGC	E-338	
24776					S	36075A	E-338	
24777					DUCT	36075B*	E-337, 341	
24778					K	36075C	E-338	
24779					K	36962B	E-338	
24780					K	1CGP	E-338	
24815A					II	27112B*	E-339, 344, 356	
24815B					CC	27112B*	E-339, 344, 356	
24816A					UU	27112A*	E-339, 344, 356	
24816B					A	27112A*	E-333, 339	
24781			1CGD101P	EDG 1-1 CONTROL CIRCUIT	K	36968A	E-338	
24782					K	36964A	E-338	
24783					K	1CGP	E-338	
24784			1CGD101Q	EDG 1-1 CONTROL CIRCUIT	K	36968A	E-338	
24785					K	36964A	E-338	
24786					K	1CGP	E-338	
24787			1CGD102A	EDG 1-1 CONTROL CIRCUIT	K	36964B	E-338	
24788					K	36040C	E-338	
24789					K	JB3637	E-338	
24790					K	36040B	E-338	
24791					DUCT	36040B*	E-337, 341	
24792					S	36040A	E-338	
24793					S	1CGZ	E-338	
24795					S	36501A	E-338	
24796			1CGD102B	EDG 1-1 CONTROL CIRCUIT	K	36960A	E-338	
24797					K	36964B	E-338	
24798					K	1CGP	E-338	
24799			1CGD102C	EDG 1-1 CONTROL CIRCUIT	K	36968A	E-338	
24800					K	36962A	E-338	
24801					K	1CGP	E-338	
24802			1CGD102D	EDG 1-1 CONTROL CIRCUIT	K	36960A	E-338	
24803					K	36962A	E-338	
24804					K	1CGP	E-338	
24805			1CGD102E	EDG 1-1 CONTROL CIRCUIT	K	36968A	E-338	
24806					K	36962A	E-338	
24807					K	1CGP	E-338	
24808			1CGD102F	EDG 1-1 CONTROL CIRCUIT	K	36960A	E-338	
24809					K	36964B	E-338	
24810					K	1CGP	E-338	
25844			1CGD103B	27/C1, 27A/C1 CONTROL CIRCUIT	S	36503A	E-338, 351-1	
25845					S	36519A	E-338, 351-1	
25846					S	1CGZ	E-338, 351-1	
25847			1CGD103C	27/C1, 27A/C1 CONTROL CIRCUIT	S	36505A	E-338, 351-1	
25848					S	1CGZ	E-338, 351-1	
25849					S	1CGC	E-338	
25850					S	36040A	E-338	
25851					DUCT	36040B*	E-337, 341	
25852					K	JB3637	E-338	
25853					K	36040C	E-338	
25854					K	36966A	E-338	
25855					K	1CGP	E-338	
25856			1CGD103D	27/C1, 27A/C1 CONTROL CIRCUIT	K	36966A	E-338	
25857					K	36040C	E-338	
25858					K	1CGP	E-338	
25859					K	JB3637	E-338	
25860					DUCT	36040B*	E-337, 341	
25861					S	36040A	E-338	

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APPENDIX B-1

CIRCUIT/SUB-COMPONENT LOCATION SUMMARY BY SYSTEM

ID No.	SYSTEM	COMPONENT	CIRCUIT/ SUB-COMP	DESCRIPTION	FIRE AREA	RACEWAY	RACEWAY DRAWING	CHANGE NO/TYP
25862	EDG	K5-1	1CGD103D	27/C1, 27A/C1 CONTROL CIRCUIT	S	1CGC	E-338	
25863					S	36519A	E-338, 351-1	
25864					S	1CGZ	E-338, 351-1	
25865			1CGD103E	27/C1, 27A/C1 CONTROL CIRCUIT	FF	1CP62D	E-356-10	
25866					DD	1CP62D	E-356-10	
25867					DD	1CPL	E-356-10	
25868					DD	27112C	E-356-10	
25869					DD	27112B*	E-339,344,356	
25869A					II	27112B*	E-339, 344, 356	
25869B					CC	27112B*	E-339, 344, 356	
25870					II	27112A*	E-333, 339	
25870A					UU	27112A*	E-333, 339	
25870B					A	27112A*	E-333, 339	
25871					A	27112	E-335	
25872					A	1CEA	E-335	
25873					E	1CEA	E-335	
25874					DUCT	36083B*	E-337, 342	
25875					S	36083B	E-338	
25876					S	JB3607	E-338, 418	
25877					S	36083A	E-338, 418	
25878					S	1CGC	E-338	
25879					S	36075A	E-338	
25880					DUCT	36075B*	E-337	
25881					K	36075C	E-338	
25882					K	36966A	E-338	
25883					K	1CGP	E-338	
25884			1CGD103F	27/C1, 27A/C1 CONTROL CIRCUIT	DUCT	36083B*	E-337, 342	
25885					FF	1CP63C	E-424	
25886					DD	1CP63C	E-424	
25887					DD	1CPL	E-356-6, 356-1	
25888					DD	27112C	E-356-6, 356-1	
25889					DD	27112B*	E-339,344,356	
25889A					II	27112B*	E-339, 344, 356	
25889B					CC	27112B*	E-339, 344, 356	
25890					II	27112A*	E-333, 339	
25890A					UU	27112A*	E-333, 339	
25890B					A	27112A*	E-333, 339	
25891					A	27112	E-335	
25892					A	1CEA	E-335	
25893					E	1CEA	E-335	
25894					S	36083B	E-338	
25895					S	JB3607	E-338, 418	
25896					S	36083A	E-338, 418	
25897					S	1CGC	E-338	
25898					S	36075A	E-338	
25899					DUCT	36075B*	E-337	
25900					K	36075C	E-338	
25901					K	36966A	E-338	
25902					K	1CGP	E-338	
25903			1CGD103G	27/C1, 27A/C1 CONTROL CIRCUIT	K	36964B	E-338	
25904					K	36040C	E-338	
25905					K	1CGP	E-338	
25906					K	JB3637	E-338	
25907					K	36040B	E-337	
25908					DUCT	36040B*	E-337, 341	
25909					S	36040A	E-338	
25910					S	1CGC	E-338	
25911					S	36501A	E-338	
25912					S	1CGZ	E-338	
25912A			1CGD103H	27/C1, 27A/C1 CONTROL CIRCUIT	S	JB3607	E-338	
25912B					S	36289A	E-338	
25912C					S	1CGC	E-338	
25912D					S	1CGZ	E-338	
25912E					S	36527A	E-338	
25912F			1CGD103I	27/C1, 27A/C1 CONTROL CIRCUIT	K	36966A	E-338	
25912G					K	1CGP	E-338	
25912H					K	36075C	E-338	
25912I					DUCT	36075B*	E-338	
25912J					S	36075A	E-338	
25912K					S	1CGC	E-338	
25912L					S	36083A	E-338	
25912M					S	JB3607	E-338	
25912N			1CGD103J	27/C1, 27A/C1 CONTROL CIRCUIT	K	36966A	E-338	
25912O					K	1CGP	E-338	
25912P					K	36213A	E-338	
24811			1CGD105A	EDG 1-1 CONTROL CIRCUIT	FF	1CP15A	E-356-8	
24812					DD	1CP15A	E-356-8	
24813					DD	1CPL	E-356-1	
24814					DD	27112C	E-356-1	

RACEWAY LEGEND (A) = 3-HR FIRE WRAP (B) = 1-HR FIRE WRAP (C) = RADIANT ENERGY SHIELD * = EMBEDDED CONDUIT

APPENDIX B-1

CIRCUIT/SUB-COMPONENT LOCATION SUMMARY BY SYSTEM

ID No.	SYSTEM	COMPONENT	CIRCUIT/ SUB-COMP	DESCRIPTION	FIRE AREA	RACEWAY	RACEWAY DRAWING	CHANGE NO/TYP
24815	EDG	K5-1	1CGD105A	EDG 1-1 CONTROL CIRCUIT	DD	27112B*	E-339,344,356	
24816					II	27112A*	E-333, 339	
24817					A	27112	E-333	
24818					A	1CEA	E-335	
24819					E	1CEA	E-335	
24820					DUCT	36083B*	E-337, 342	
24821					S	36083B	E-338	
24822					S	JB3607	E-338, 418	
24823					S	36083A	E-338, 418	
24824					S	36075A	E-338	
24825					S	1CGC	E-338	
24826					DUCT	36075B*	E-337, 341	
24827					K	36075C	E-338	
24828					K	36968A	E-338	
24829					K	1CGP	E-338	
24830			1CGD105B	EDG 1-1 CONTROL CIRCUIT	K	36960A	E-338	
24831					K	36968A	E-338	
24832					K	1CGP	E-338	
24833			1CGD105C	EDG 1-1 CONTROL CIRCUIT	K	36962B	E-338	
24834					K	36968A	E-338	
24835					K	1CGP	E-338	
24836			1CGD105D	EDG 1-1 CONTROL CIRCUIT	K	36581A	E-338	
24837					K	36967A	E-338	
24838					K	1CGP	E-338	
24838A			1CGD105E	DG1-1 CONTROL CIRCUIT	K	36213B	E-338	A
24838B					K	1CGP	E-338	A
24838C					K	36966A	E-338	A
24838D			1CGD105F	EDG 1-1 CONTROL CIRCUIT	K	36987A	E-338	
24838E			1CGD105G	EDG 1-1 CONTROL CIRCUIT	K	36987A	E-338	
24839			1CGD106A	EDG 1-1 CONTROL CIRCUIT	FF	1CP15A	E-356-8	
24840					DD	1CP15A	E-356-8	
24841					DD	1CPL	E-356-1, 356-6	
24842					DD	27112C	E-356-1, 356-6	
24843					DD	27112B*	E-339,344,356	
24843A					II	27112B*	E-339, 344, 356	
24843B					CC	27112B*	E-339, 344, 356	
24844					II	27112A*	E-333, 339	
24844A					UU	27112A*	E-333, 339	
24844B					A	27112A*	E-333, 339	
24845					A	27112	E-335	
24846					A	1CEA	E-335	
24847					E	1CEA	E-335	
24848					DUCT	36083B*	E-337, 342	
24849					S	36083B	E-338	
24850					S	JB3607	E-338, 418	
24851					S	36083A	E-338, 418	
24852					S	1CGC	E-338	
24853					S	36075A	E-338	
24854					DUCT	36075B*	E-337, 341	
24855					K	36075C	E-338	
24856					K	36968A	E-338	
24857					K	1CGP	E-338	
24858			1CGD106B	EDG 1-1 CONTROL CIRCUIT	K	36960A	E-338	
24859					K	36968A	E-338	
24860					K	1CGP	E-338	
24861			1CGD106C	EDG 1-1 CONTROL CIRCUIT	K	36962B	E-338	
24862					K	36968A	E-338	
24863					K	1CGP	E-338	
24863A			1CGD106D	EDG 1-1 CONTROL CIRCUIT	K	36964B	E-338	
24863B					K	1CGP	E-338	
24863C					K	36213B	E-338	
24863D			1CGD106E	EDG1-1 CONTROL CIRCUIT	K	36213B	E-338	A
24863E					K	1CGP	E-338	A
24863F					K	36966A	E-338	A
24881A			1CGD108A	FIELD FLASH/SHORTING CIRCUITS	S	36501A	E-338, 351-1	
24881B					S	1CGZ	E-338, 351-1	
24881C					S	1CGC	E-338	
24881D					S	36041A	E-338, 351-1	
24881E					S	36041B*	E-337	
24881F					DUCT	36041B*	E-337	
24881G					K	36041B*	E-337	
24881H					K	JB3637	E-338	
24881I					K	36041C	E-338	
24881J					K	1CGP	E-338	
24881K					K	36213A	E-338	
24881L			1CGD108B	FIELD FLASH/SHORTING CIRCUITS	K	36964B	E-338	
24881M					K	1CGP	E-338	
24881N					K	36213A	E-338	
24881P			1CGD108C	FIELD FLASH/SHORTING CIRCUITS	K	36213A	E-338	

RACEWAY LEGEND (A) = 3-HR FIRE WRAP (B) = 1-HR FIRE WRAP (C) = RADIANT ENERGY SHIELD * = EMBEDDED CONDUIT

APPENDIX B-1

CIRCUIT/SUB-COMPONENT LOCATION SUMMARY BY SYSTEM

ID No.	SYSTEM	COMPONENT	CIRCUIT/ SUB-COMP	DESCRIPTION	FIRE AREA	RACEWAY	RACEWAY DRAWING	CHANGE NO/TYP
24881Q	EDG	K5-1	1CGD108C	FIELD FLASH/SHORTING CIRCUITS	K	1CGP	E-338	
24881R					K	36581A	E-338	
24864			1CGD110A	EDG 1-1 CONTROL CIRCUIT	K	36581A	E-338	
24865					K	36964B	E-338	
24866					K	1CGP	E-338	
24867			1CGD110B	EDG 1-1 CONTROL CIRCUIT	K	36581A	E-338	
24868					K	36964B	E-338	
24868A			1LGD111E	EDG 1-1 CONTROL CIRCUIT	K	36988A	E-338	
24869			1PGD101A	EDG 1-1 POWER CIRCUIT	K	36003C	E-338	
24870			1PGD101B	EDG 1-1 POWER CIRCUIT	K	36001C	E-338	
24871			1PGD101R	EDG 1-1 POWER CIRCUIT	K	36229A	E-338	
24872			AC101	EDG 1-1 CIRCUIT BREAKER (INTLK) (CH. 1)	S		E-338	
24873			AC103	EDG 1-1 SWGR C1 CUBICLE	S		E-338	
24874			C3615	EDG 1-1 ELECT CONTROL & RELAY PANEL	K		E-338	
24875			C3617	EDG 1-1 EXCIT CTRL & RLY BD (CH. 1)	K		E-338	
24876			C3621	EDG 1-1 ENGINE CTRL PANEL (CH. 1)	K		E-338	
24877			C5715	EDG 1-1 CONTROL ROOM PANEL (CH. 1)	FF		E-353	
24878			C5763C	EDG 1-1 CONTROL ROOM PANEL (CH. 1)	FF		E-353	
24879			EDG 1-1	EMERGENCY DIESEL GENERATOR (CH. 1)	K		E-338	
24880			GK51	EMERG DIESEL GENERATOR 1-1	K		E-338	
24900		K5-2	2CGD201C	EDG 1-2 CONTROL CIRCUIT	J	36921A	E-338	
24901					J	36924A	E-338	
24902					J	2CGS	E-338	
24903			2CGD201D	EDG 1-2 CONTROL CIRCUIT	J	36921A	E-338	
24904					J	36924A	E-338	
24905					J	2CGS	E-338	
24906			2CGD201E	EDG 1-2 CONTROL CIRCUIT	J	36917A	E-338	
24907					J	36924A	E-338	
24908					J	2CGS	E-338	
24909			2CGD201F	EDG 1-2 CONTROL CIRCUIT	J	36917A	E-338	
24910					J	36924A	E-338	
24911					J	2CGS	E-338	
24912			2CGD201G	EDG 1-2 CONTROL CIRCUIT	Q	36701A	E-338	
24913					Q	36170A	E-338	
24914					Q	2CGE	E-338	
24915					DUCT	36170B*	E-337	
24916					J	36170C	E-338	
24917					J	36919A	E-338	
24918					J	2CGS	E-338	
24919			2CGD201H	EDG 1-2 CONTROL CIRCUIT	J	36923A	E-338	
24920					J	36919A	E-338	
24921					J	2CGS	E-338	
24922			2CGD201I	EDG 1-2 CONTROL CIRCUIT	J	36923A	E-338	
24923					J	36919A	E-338	
24924					J	2CGS	E-338	
24925			2CGD201J	EDG 1-2 CONTROL CIRCUIT	Q	36705A	E-338	
24926					Q	2CGE	E-338	
24927					Q	36170A	E-338	
24928					DUCT	36170B*	E-337	
24929					J	36170C	E-338	
24930					J	36917A	E-338	
24931					J	2CGS	E-338	
24932			2CGD201K	EDG 1-2 CONTROL CIRCUIT	Q	36705A	E-338	
24933					Q	2CGE	E-338	
24934					Q	36170A	E-338	
24935					DUCT	36170B*	E-337	
24936					J	36170C	E-338	
24937					J	36917A	E-338	
24938					J	2CGS	E-338	
24939			2CGD201L	EDG 1-2 CONTROL CIRCUIT	FF	2CP15C	E-356-8	
24940					DD	2CP15C	E-356-8	
24941					DD	2CPN	E-356-7	
24942					DD	2CEA	E-356-7	
24943					A	2CEA	E-335	
24944					A	2CEB	E-335	
24945					A	2CEC	E-335	
24946					F	2CEC	E-335	
24947					DUCT	36192B*	E-337, 342	
24948					Q	JB3620	E-338	
24949					Q	36192A	E-338	
24950					Q	2CGE	E-338	
24951					Q	36170A	E-338	
24952					DUCT	36170B*	E-337	
24953					J	36170C	E-338	
24954					J	36917B	E-338	
24955					J	2CGS	E-338	
24956			2CGD201N	EDG 1-2 CONTROL CIRCUIT	FF	2CP15C	E-356-8	
24957					DD	2CP15C	E-356-8	

RACEWAY LEGEND (A) = 3-HR FIRE WRAP (B) = 1-HR FIRE WRAP (C) = RADIANT ENERGY SHIELD * = EMBEDDED CONDUIT

APPENDIX B-1

CIRCUIT/SUB-COMPONENT LOCATION SUMMARY BY SYSTEM

ID No.	SYSTEM	COMPONENT	CIRCUIT/ SUB-COMP	DESCRIPTION	FIRE AREA	RACEWAY	RACEWAY DRAWING	CHANGE NO/TYP
24958	EDG	K5-2	2CGD201N	EDG 1-2 CONTROL CIRCUIT	DD	2CPN	E-356-7	
24959					DD	2CPP	E-356-7	
24960					DD	2CEA	E-356-7	
24961					A	2CEA	E-335	
24962					A	2CEB	E-335	
24963					A	2CEC	E-335	
24964					F	2CEC	E-335	
24965					DUCT	36192B*	E-337, 342	
24966					Q	JB3620	E-338	
24967					Q	36192A	E-338	
24968					Q	2CGE	E-338	
24969					Q	36175A	E-338	
24970					DUCT	36175B*	E-337	
24971					J	36175C	E-338	
24972					J	36919B	E-338	
24973					J	2CGS	E-338	
24974			2CGD201P	EDG 1-2 CONTROL CIRCUIT	J	36923A	E-338	
24975					J	36919A	E-338	
24976					J	2CGS	E-338	
24977			2CGD201Q	EDG 1-2 CONTROL CIRCUIT	J	36923A	E-338	
24978					J	36919A	E-338	
24979					J	2CGS	E-338	
24980			2CGD202A	EDG 1-2 CONTROL CIRCUIT	J	36919A	E-338	
24981					J	36170C	E-338	
24982					J	2CGS	E-338	
24983					DUCT	36170B*	E-337	
24984					Q	36170A	E-338	
24985					Q	36701A	E-338	
24986					Q	2CGE	E-338	
24987			2CGD202B	EDG 1-2 CONTROL CIRCUIT	J	36915A	E-338	
24988					J	36919B	E-338	
24989					J	2CGS	E-338	
24990			2CGD202C	EDG 1-2 CONTROL CIRCUIT	J	36923A	E-338	
24991					J	36917A	E-338	
24992					J	2CGS	E-338	
24993			2CGD202D	EDG 1-2 CONTROL CIRCUIT	J	36915A	E-338	
24994					J	36917A	E-338	
24995					J	2CGS	E-338	
24996			2CGD202E	EDG 1-2 CONTROL CIRCUIT	J	36922A	E-338	
24997					J	36919B	E-338	
24998					J	2CGS	E-338	
24999			2CGD202F	EDG 1-2 CONTROL CIRCUIT	J	36587A	E-338	
25000					J	36919B	E-338	
25001					J	2CGS	E-338	
25002			2CGD205A	EDG 1-2 CONTROL CIRCUIT	DD	2CED	E-356-7	
25003					A	2CED	E-356-7	
25004					A	2CEG	E-335,349-2,347	
25005					A	2CEF	E-335	
25006					F	2CEF	E-335	
25007					DUCT	36178B*	E-337, 342	
25008					FF	2CP15C	E-356-8	
25009					DD	2CP15C	E-356-8	
25010					DD	2CPN	E-356-7	
25011					Q	36178B	E-338	
25012					Q	JB3620	E-338, 418	
25013					Q	36178A	E-338, 418	
25014					Q	2CGE	E-338	
25015					Q	36175A	E-338	
25016					DUCT	36175B*	E-337	
25017					J	36175C	E-338	
25018					J	36923A	E-338	
25019					J	2CGS	E-338	
25020			2CGD205B	EDG 1-2 CONTROL CIRCUIT	J	36915A	E-338	
25021					J	36923A	E-338	
25022					J	2CGS	E-338	
25023			2CGD205C	EDG 1-2 CONTROL CIRCUIT	J	36917B	E-338	
25024					J	36923A	E-338	
25025					J	2CGS	E-338	
25026			2CGD205D	EDG 1-2 CONTROL CIRCUIT	J	36587A	E-338	
25027					J	36922A	E-338	
25028					J	2CGS	E-338	
25028A			2CGD205E	EDG 1-2 CONTROL CIRCUIT	J	36989A	E-338	
25028B			2CGD205F	EDG 1-2 CONTROL CIRCUIT	J	36989A	E-338	
25029			2CGD206A	EDG 1-2 CONTROL CIRCUIT	FF	2CP15C	E-356-8	
25030					DD	2CP15C	E-356-8	
25031					DD	2CPN	E-356-7	
25032					DD	2CED	E-356-7	
25033					A	2CED	E-356-7	
25034					A	2CEG	E-335,349-2,347	

RACEWAY LEGEND (A) = 3-HR FIRE WRAP (B) = 1-HR FIRE WRAP (C) = RADIANT ENERGY SHIELD * = EMBEDDED CONDUIT

APPENDIX B-1

CIRCUIT/SUB-COMPONENT LOCATION SUMMARY BY SYSTEM

ID No.	SYSTEM	COMPONENT	CIRCUIT/ SUB-COMP	DESCRIPTION	FIRE AREA	RACEWAY	RACEWAY DRAWING	CHANGE NO/TYP
25035	EDG	K5-2	2CGD206A	EDG 1-2 CONTROL CIRCUIT	A	2CEF	E-335	
25036					F	2CEF	E-335	
25037					DUCT	36178B*	E-337, 342	
25038					Q	36178B	E-338	
25039					Q	JB3620	E-338, 418	
25040					Q	36178A	E-338, 418	
25041					Q	36175A	E-338	
25042					Q	2CGE	E-338	
25043					DUCT	36175B*	E-337	
25044					J	36175C	E-338	
25045					J	36923A	E-338	
25046					J	2CGS	E-338	
25047			2CGD206B	EDG 1-2 CONTROL CIRCUIT	J	36915A	E-338	
25048					J	36923A	E-338	
25049					J	2CGS	E-338	
25050			2CGD206C	EDG 1-2 CONTROL CIRCUIT	J	36917B	E-338	
25051					J	36922A	E-338	
25052					J	2CGS	E-338	
25052A			2CGD206D	EDG 1-2 CONTROL CIRCUIT	J	36212A	E-338	
25052B					J	2CGS	E-338	
25052C					J	36921A	E-338	
25075A			2CGD208A	FIELD FLASH/SHORTING CIRCUITS	Q	36701A	E-338, 351-2	
25075B					Q	2CGE	E-338, 351-2	
25075C					Q	36176A	E-338, 351-2	
25075D					Q	36176B*	E-337	
25075E					DUCT	36176B*	E-337	
25075F					J	36176B*	E-337	
25075G					J	36176C	E-338	
25075H					J	2CGS	E-338	
25075I					J	36212A	E-338	
25075J			2CGD208B	FIELD FLASH/SHORTING CIRCUITS	J	36919B	E-338	
25075K					J	2CGS	E-338	
25075L					J	26212A	E-338	
25075M			2CGD208C	FIELD FLASH/SHORTING CIRCUITS	J	36212A	E-338	
25075N					J	2CGS	E-338	
25075P					J	36587A	E-338	
25053			2CGD210A	EDG 1-2 CONTROL CIRCUIT	J	36587A	E-338	
25054					J	36919B	E-338	
25055					J	2CGS	E-338	
25056			2CGD210B	EDG 1-2 CONTROL CIRCUIT	J	36587B	E-338	
25057					J	36919B	E-338	
25058					J	2CGS	E-338	
25058A			2LGD211E	EDG 1-2 CONTROL CIRCUIT	J	36990A	E-338	
25059			2PGD201A	EDG 1-2 POWER CIRCUIT	J	36101C	E-338	
25060			2PGD201B	EDG 1-2 POWER CIRCUIT	J	36103C	E-338	
25061			2PGD201R	EDG 1-2 POWER CIRCUIT	J	36228A	E-338	
25062			AD101	EDG 1-2 CIRCUIT BREAKER (CH. 2)	Q		E-338	
25063			AD103	EDG 1-2 SWGR D1 CUBICLE	Q		E-338	
25064			C3616	EDG 1-2 ELECT CTRL & RLY BD (CH. 2)	J		E-338	
25065			C3618	EDG 1-2 EXCIT CTRL & RLY BD (CH. 2)	J		E-338	
25066			C3622	EDG 1-2 ENGINE CTRL PANEL (CH. 2)	J		E-338	
25067			C5715	EDG 1-2 CONTROL ROOM PANEL (CH. 2)	FF		E-353	
25068			C5756C	EDG 1-2 CONTROL ROOM PANEL (CH. 2)	FF		E-353	
25069			EDG 1-2	EMERGENCY DIESEL GENERATOR (CH. 2)	J		E-338	
25070			GK52	EMERG DIESEL GENERATOR 1-2	J		E-338	
25299A		P148-1A	N/A	EDG JACKET WATER PUMP (RIGHT)	K	N/A		
25299B		P148-1B	N/A	EDG JACKET WATER PUMP (LEFT)	K	N/A		
25299C		P148-2A	N/A	EDG JACKET WATER PUMP (RIGHT)	J	N/A		
25299D		P148-2B	N/A	EDG JACKET WATER PUMP (LEFT)	J	N/A		
25299E		P150-1	N/A	EDG 1 PREES PUMP	K	N/A		
25299F		P150-2	N/A	EDG 2 PREES PUMP	J	N/A		
25100		P195-1	1CBE1298B	MP1951 CONTROL CIRCUIT	DUCT	30184A*	E-304, 437-2	
25101					BN	Exposed	E-437-2	
25102					DUCT	30184B*	E-304, 437-2	
25103					MF	Exposed	E-437-2	
25104					DUCT	30184C*	E-304, 437-2	
25105					ME	Exposed	E-437-2	
25106					DUCT	30184D*	E-304, 437-2	
25107					Q	JB3660	E-338	
25108					Q	30184E	E-338	
25109					P	30184E	E-338	
25110					K	30184E	E-338	

RACEWAY LEGEND (A) = 3-HR FIRE WRAP (B) = 1-HR FIRE WRAP (C) = RADIANT ENERGY SHIELD * = EMBEDDED CONDUIT

APPENDIX B-1

CIRCUIT/SUB-COMPONENT LOCATION SUMMARY BY SYSTEM

ID No.	SYSTEM	COMPONENT	CIRCUIT/ SUB-COMP	DESCRIPTION	FIRE AREA	RACEWAY	RACEWAY DRAWING	CHANGE NO/TYP
25111	EDG	P195-1	1CBE1298B	MP1951 CONTROL CIRCUIT	K	30184J	E-338	
25112			1CBE1298C	MP1951 CONTROL CIRCUIT	K	30184H	E-338	
25113					K	30184F	E-338	
25114					K	30184F	E-338	
25115					K	30184J	E-338	
25116			1CBE1298D	MP1951 CONTROL CIRCUIT	K	30184G	E-338	
25117					K	30184F	E-338	
25118					K	30184F	E-338	
25119					K	30184J	E-338	
25120			1CBE1298E	MP1951 CONTROL CIRCUIT	K	36835A	E-338	
25121					K	36835A	E-338	
25122					K	EV1115	E-338	
25123					K	36831A	E-338	
25124					K	36041C	E-338	
25125					K	1CGP	E-338	
25126					K	JB3637	E-338	
25127					K	36248A	E-338	
25128			1PBE1298A	MP1951 POWER CIRCUIT	DUCT	30185A*	E-304, 437-2	
25129					BN	Exposed	E-437-2	
25130					DUCT	30185B*	E-304, 437-2	
25131					MF	Exposed	E-437-2	
25132					DUCT	30185C*	E-304, 437-2	
25133					ME	Exposed	E-437-2	
25134					DUCT	30185D*	E-304, 437-2	
25135					Q	JB3660	E-338	
25136					Q	30185E	E-338	
25137					P	30185E	E-338	
25138					K	30185E	E-338	
25139			BE1298	MP1951 CIRCUIT BREAKER (CH. 1)	K		E-338	
25140			FLSH1128	MP1951 LEVEL SWITCH (CH. 1)	K		E-338	
25141			FLSL1128	MP1951 LEVEL SWITCH (CH. 1)	K		E-338	
25142			MP1951	DG FUEL OIL STORAGE & XFER PUMP (CH. 1)	BN		E-437-2	
25143			NP1951	MP1951 LOCAL CONTROLLER (CH. 1)	BN		E-437-2	
25144			NP1951A	MP1951 LOCAL CONTROLLER (CH. 1)	K		E-338	
25200		P195-2	2CBF1230B	MP1952 CONTROL CIRCUIT	DUCT	30181A*	E-304,437-2	
25201					BN	Exposed	E-437-2	
25202					DUCT	30181B*	E-304, 437-2	
25203					MF	Exposed	E-437-2	
25204					DUCT	30187C*	E-304, 437-2	
25205					ME	Exposed	E-437-2	
25206					DUCT	30187D*	E-304, 437-2	
25207					Q	JB3665	E-338	
25208					Q	30187E	E-338	
25209					Q	30187F	E-338	
25210					Q	2CGE	E-338	
25211					Q	36748A	E-338	
25212					X	36748A	E-346	
25213					X	46335A	E-346	
25214					X	2CKL	E-346	
25215			2CBF1230C	MP1952 CONTROL CIRCUIT	J	30187J	E-338	
25216					J	30187G	E-338	
25217					Q	30187G	E-338	
25218					Q	30187F	E-338	
25219					Q	2CGE	E-338	
25220					Q	36748B	E-338	
25221					X	36748B	E-346	
25222					X	46335A	E-346	
25223					X	2CKL	E-346	
25224			2CBF1230D	MP1952 CONTROL CIRCUIT	J	30187H	E-338	
25225					J	30187G	E-338	
25226					Q	30187G	E-338	
25227					Q	30187F	E-338	
25228					Q	2CGE	E-338	
25229					Q	36748B	E-338	
25230					X	36748B	E-346	
25231					X	46335A	E-346	
25232					X	2CKL	E-346	
25233			2CBF1230E	MP1952 CONTROL CIRCUIT	J	36834A	E-338	
25234					J	36834A	E-338	
25235					J	EV1123	E-338	
25236					J	36821A	E-338	
25237					J	2CGS	E-338	
25238					J	36176C	E-338	
25239					DUCT	36176B*	E-337	
25240					Q	36176A	E-338	
25241					Q	2CGE	E-338	
25242					Q	36748B	E-338	
25243					X	36748B	E-346	

RACEWAY LEGEND (A) = 3-HR FIRE WRAP (B) = 1-HR FIRE WRAP (C) = RADIANT ENERGY SHIELD * = EMBEDDED CONDUIT

APPENDIX B-1

CIRCUIT/SUB-COMPONENT LOCATION SUMMARY BY SYSTEM

ID No.	SYSTEM	COMPONENT	CIRCUIT/ SUB-COMP	DESCRIPTION	FIRE AREA	RACEWAY	RACEWAY DRAWING	CHANGE NO/TYP
25244	EDG	P195-2	2CBF1230E	MP1952 CONTROL CIRCUIT	X	46335A	E-346	
25245					X	2CKL	E-346	
25246			2PBF1230A	MP1952 POWER CIRCUIT	DUCT	30182B*	E-304, 437-2	
25247					DUCT	30182A*	E-304, 437-2	
25248					BN	Exposed	E-437-2	
25249					MF	Exposed	E-437-2	
25250					DUCT	30182C*	E-304, 437-2	
25251					ME	Exposed	E-437-2	
25252					DUCT	30182D*	E-304, 437-2	
25253					Q	JB3665	E-338	
25254					Q	30182E	E-338	
25255					X	30182E	E-346	
25256			BF1230	MP1952 CIRCUIT BREAKER (CH. 2)	X		E-346	
25257			FLSH1122	MP1952 LEVEL SWITCH (CH. 2)	J		E-338	
25258			FLSL1122	MP1952 LEVEL SWITCH (CH. 2)	J		E-338	
25259			MP1952	DG FUEL OIL STORAGE & XFER PUMP (CH. 2)	BN		E-437-2	
25260			NP1952	MP1952 LOCAL CONTROLLER (CH. 2)	BN		E-437-2	
25261			NP1952A	MP1952 LOCAL CONTROLLER (CH. 2)	J		E-338	
25270		P201-1	C3621	MP201-1 POWER CIRCUIT	K	UNSCHED		
25270A			MP201-1	EDG 1-1 M/D FUEL OIL PUMP	K	UNSCHED		
25271		P201-2	C3622	MP201-2 POWER CIRCUIT	J	UNSCHED		
25271A			MP201-2	EDG 1-2 M/D FUEL OIL PUMP	J	UNSCHED		
25275		P205-1	N/A	EDG 1-1 E/D FUEL OIL PUMP	K	MAN		
25276		P205-2	N/A	EDG 1-2 E/D FUEL OIL PUMP	J	MAN		
25299G		P264-1	N/A	EDG 1 SCAVGR PUMP	K	N/A		
25299H		P264-2	N/A	EDG 2 SCAVGR PUMP	J	N/A		
25299I		P265-1	N/A	EDG 1 PISTON CLG PUMP	K	N/A		
25299J		P265-2	N/A	EDG 2 PISTON CLG PUMP	J	N/A		
25295		P8-1	ACBE1257B	MP8-1 CONTROL CIRCUIT	K	36954A	E-338	
25295A					K	ACGR	E-338	
25295B					K	36068A	E-338	
25295C					DUCT	36068B*	E-337	
25295D					DUCT	36068C*	E-304	
25295E					BM	36068D	E-319	
25295F					BM	JB3082	E-319	
25295G					BM	36068E	E-319	
25295H					BM	36068G	E-319	
25295I			ACBE1257C	MP8-1 CONTROL CIRCUIT	K	36954A	E-338	
25295J					J	ACGR	E-338	
25295K					K	36965A	E-338	
25295L			ACBE1257D	MP8-1 CONTROL CIRCUIT	K	36954A	E-338	
25295M					K	ACGR	E-338	
25295N					K	36086A	E-338	
25295O					DUCT	36086B*	E-337	
25295P					DUCT	36086C*	E-304	
25295Q					BM	JB2072	E-319	
25295R					BM	36086D	E-319	
25295S					BM	36086E	E-319	
25295T					BM	JB3082	E-319	
25295U					BM	30872A	E-319	
25295V					BM	JB2076	E-319	
25295W					BM	30872C	E-319	
25295X					BM	30872D	E-319	
25295Y			ACBE1257E	MP8-1 CONTROL CIRCUIT	BE	30088A	E-361	
25295Z					BE	JB3074	E-361	
25296					BE	30049A	E-361	
25296A					BE	JB3063	E-361	
25296B					BE	30086A	E-361	
25296C					BE	30086B	E-361	
25296D			ACBE1257I	MP8-1 CONTROL CIRCUIT	K	36954A	E-338	
25296E					K	ACGR	E-338	
25296F					K	36043C	E-338	
25296G					DUCT	36043B*	E-338	
25296H					S	36043A	E-338	
25296I					S	ACGH	E-338	
25296J					S	ACGB	E-338	
25296K					S	ACGF	E-338	
25296L					II	ACGF	E-338	
25296M					II	ACVH	E-338, 313	
25296N					II	ACVA	E-313, 314	

RACEWAY LEGEND (A) = 3-HR FIRE WRAP (B) = 1-HR FIRE WRAP (C) = RADIANT ENERGY SHIELD * = EMBEDDED CONDUIT

APPENDIX B-1

CIRCUIT/SUB-COMPONENT LOCATION SUMMARY BY SYSTEM

ID No.	SYSTEM	COMPONENT	CIRCUIT/ SUB-COMP	DESCRIPTION	FIRE AREA	RACEWAY	RACEWAY DRAWING	CHANGE NO/TYP
25296O	EDG	P8-1	ACBE1257I	MP8-1 CONTROL CIRCUIT	II	ACVE	E-314	
25296P					II	ACTC	E-308	
25296Q					II	ACTA	E-308	
25296R					II	24002A	E-308	
25296S					DUCT	24002B*	E-308	
25296T					BG	24002C	E-308	
25296U					BG	ACAA	E-306, 308, 361	
25296V					BF	ACAA	E-361	
25296W					BF	ACAC	E-361	
25296X					BF	FIELD	E-361	
25296Y			ACBE1257L	MP8-1 CONTROL CIRCUIT	K	36954A	E-338	
25296Z					K	ACGR	E-338	
25297					K	36043C	E-338	
25297A					DUCT	36043B*	E-338	
25297B					S	36043A	E-338	
25297C					S	ACGH	E-338	
25297D					S	ACGB	E-338	
25297E					S	ACGF	E-338	
25297F					II	ACGF	E-338	
25297G					II	ACVH	E-338, 313	
25297H					II	ACVA	E-313, 314	
25297I					II	ACVE	E-314	
25297J					II	ACTC	E-308	
25297K					II	ACTA	E-308	
25297L					II	24002A	E-308	
25297M					DUCT	24002B*	E-308	
25297N					BG	24002C	E-308	
25297O					BG	ACAA	E-306, 308, 361	
25297P					BF	ACAA	E-361	
25297Q					BF	ACAC	E-361	
25297R					BF	FIELD	E-361	
25297S			ACBE1257N	MP8-1 CONTROL CIRCUIT	BH	30716C	E-419	
25297T					BH	ACAE	E-419	
25297U					BG	30496A	E-361	
25297V					BG	JB30D1	E-361	
25297W					BG	30575A	E-306, 308, 361	
25297X					BG	24058A	E-445-7	
25297Y					BG	JB2405	E-445-7	
25297Z					BG	24058B	E-314	
25298					II	ACVA	E-313, 314	
25298A					II	ACVH	E-313, 338	
25298B					II	ACGF	E-338	
25298C					II	35130C	E-338	
25298D					II	ACGH	E-338	
25298E					P	ACGH	E-338	
25298F					P	36262A	E-338	
25298G					P	JB3633	E-338	
25298H					P	36262B	E-338	
25298I					K	36262B	E-338	
25298J			ACBE1257P	MP8-1 CONTROL CIRCUIT	OS	30341W		
25298K					OS	30341V		
25298L					BH	30341Y		
25278A			APBE1257A	DO XFER PUMP 1	DUCT	36069B*	E-319	
25278B					K	36069A	E-338	
25278C					BM	36069C	E-319	
25278D					BM	JB2073	E-319	
25278E					BM	36069E	E-319	
25278F					BM	JB3051	E-319	
25278G					DUCT	36069A*	E-337, 342	
25298R			C3615	EDG 1-1 ELECT CONTROL & RELAY PANEL	K		E-338	
25298U			FLSLL1451	DSL FIRE PMP DAY TK LEVEL SWITCH	BE		E-361	
25298P			JT3030	SOLENOID VALVE TERMINAL BOX	BF		E-361	
25298S			MP0081	MOTOR FOR P8-1	BM		E-319	
25298T			NP0081	LOCAL CONTROLLER FOR MP0081	BM		E-319	
25298N			RC3001	RELAY CABINET	BH		E-419	
25298Q			RC3007	RELAY CABINET	BF		E-361	
25298O			SV4500	SOLENOID VALVE FOR DO4500	OS			
25280		S206-01	N/A	EDG 1 AIR START MOTOR	K	MAN		
25281		S206-02	N/A	EDG 1 AIR START MOTOR	K	MAN		
25282		S206-03	N/A	EDG 1 AIR START MOTOR	K	MAN		
25283		S206-04	N/A	EDG 1 AIR START MOTOR	K	MAN		
25284		S207-01	N/A	EDG 2 AIR START MOTOR	J	MAN		
25285		S207-02	N/A	EDG 2 AIR START MOTOR	J	MAN		

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APPENDIX B-1

CIRCUIT/SUB-COMPONENT LOCATION SUMMARY BY SYSTEM

ID No.	SYSTEM	COMPONENT	CIRCUIT/ SUB-COMP	DESCRIPTION	FIRE AREA	RACEWAY	RACEWAY DRAWING	CHANGE NO/TYP
25286	EDG	S207-03	N/A	EDG 2 AIR START MOTOR	J	MAN		
25287		S207-04	N/A	EDG 2 AIR START MOTOR	J	MAN		
25295		T153-1	N/A	EDG FUEL OIL TANK 1-1	BN	MAN		
25295		T153-2	N/A	EDG FUEL OIL TANK 1-2	BN	MAN		
25288		T46-1	N/A	EDG DAY TANK 1-1	K	MAN		
25289		T46-2	N/A	EDG DAY TANK 1-2	J	MAN		
25290		T86-1	N/A	EDG STARTING AIR RECEIVER 1-1-1	K	MAN		
25291		T86-2	N/A	EDG STARTING AIR RECEIVER 1-1-2	K	MAN		
25293		T86-3	N/A	EDG STARTING AIR RECEIVER 1-2-1	J	MAN		
25294		T86-4	N/A	EDG STARTING AIR RECEIVER 1-2-2	J	MAN		
25300	ESSPWR	1N	1N	STATION BATTERY #1N (CH. 1)	Y		E-346	
25301			1PD131A	BATTERY #1N POWER FEED TO DC MCC 1	Y	46566A	E-346	
25302					Y	46566A	E-346	
25303			1PD131B	BATTERY #1N POWER FEED TO DC MCC 1	Y	46567A	E-346	
25304					Y	46567A	E-346	
25400		1P	1P	STATION BATTERY #1P (CH. 1)	Y		E-346	
25401			1PD104A	BATTERY #1P POWER FEED TO DC MCC 1	Y	46554A	E-346	
25402					Y	46554A	E-346	
25403			1PD104B	BATTERY #1P POWER FEED TO DC MCC 1	Y	46553A	E-346	
25404					Y	46553A	E-346	
25500		2N	2N	STATION BATTERY #2N (CH. 2)	X		E-346	
25501			2PD231A	BATTERY #2N POWER FEED TO DC MCC 2	X	46766A	E-346	
25502					X	46766A	E-346	
25503			2PD231B	BATTERY #2N POWER FEED TO DC MCC 2	X	46767A	E-346	
25504					X	46767A	E-346	
25600		2P	2P	STATION BATTERY #2P (CH. 2)	X		E-346	
25601			2PD204A	BATTERY #2P POWER FEED TO DC MCC 2	X	46753A	E-346	
25602					X	46753A	E-346	
25603			2PD204B	BATTERY #2P POWER FEED TO DC MCC 2	X	46754A	E-346	
25604					X	46754A	E-346	
35651G		BUS B	2PD202A	125V BKR CONT PWR (C1 BACKFEED)	X	46751A	E-346	A
35651H					Q	46751A	E-338	A
35651I			BCHBBDA	BKR HBBD CONT PWR (C1 BACKFEED)	Q	36774A	E-338	A
35651J					Q	BCGM	E-338	A
35651K					P	BCGM	E-338	A
35651L					A	BCGM	E-338, 349-2	A
35651M					DD	BCGM	E-356-4	A
35651N					DD	BCPC	E-356-4	A
35651P					DD	BCP15D	E-356-8	A
35651Q					FF	BCP15D	E-353	A
35651R			BCHBBDB	BKR HBBD CONT PWR (C1 BACKFEED)	Q	36718A	E-338	A
35651S					Q	BCGD	E-338	A
35651T					Q	BCGN	E-338	A
35651U					Q	36775A	E-338	A
35651V			BCHBBDC	BKR HBBD CONT PWR (C1 BACKFEED)	Q	36718A	E-338	A
35651W					Q	BCGD	E-338	A
35651X					Q	BCGN	E-338	A
35651Y					Q	36775A	E-338	A
35651Z			BCHBBDD	BKR HBBD CONT PWR (C1 BACKFEED)	Q	36414A	E-338	A
35651F			BPD2P04A	125V BKR CONT PWR (C1 BACKFEED)	X	46818A	E-346	A
35651A			BPDBP02A	CONTROL PWR FOR HBBD (E32B/25B)	X	46842A	E-346, 351-2	A
35651D					Q	46842A	E-351-2	A
35650A			BPXBD01A	POWER CABLE FROM XBD (TYP FOR 3 PH)	Q	36165A	E-337	A
35650B					OS	36165B	E-328	A
35650C					OS	36165C	E-328	A
35651E			DBP	125V DISTRIBUTION PANEL (C1 BACKFEED)	X		E-346	A
35652			HBBD	BUS B BREAKER FOR XFMR XBD	Q		E-338	A
25700		C1	1CABDC1C	ABDC1 CONTROL CIRCUIT	FF	1CP15A	E-356	
25701					DD	1CP15A	E-356	
25702					DD	1CPL	E-356	
25703					DD	27120A	E-356	
25704					CC	27120A	E-347	
25705					UU	27120A	E-349-1	
25706					A	27120A	E-332	

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APPENDIX B-1

CIRCUIT/SUB-COMPONENT LOCATION SUMMARY BY SYSTEM

ID No.	SYSTEM	COMPONENT	CIRCUIT/ SUB-COMP	DESCRIPTION	FIRE AREA	RACEWAY	RACEWAY DRAWING	CHANGE NO/TYP
25707	ESSPWR	C1	1CABDC1C	ABDC1 CONTROL CIRCUIT	A	1CEB	E-332	
25708					E	1CEB	E-332	
25709					DUCT	36079B*	E-337	
25710					S	JB3607	E-338	
25711					S	36079A	E-338	
25712					S	1CGC	E-338	
25713					S	36503A	E-338	
25714					S	1CGZ	E-338	
25715			1CABDC1D	ABDC1 CONTROL CIRCUIT	K	36962A	E-338	
25716					K	36040C	E-338	
25717					K	1CGP	E-338	
25718					K	JB3637	E-338	
25719					DUCT	36040B*	E-337, 341	
25720					S	36040A	E-338	
25721					S	1CGC	E-338	
25722					S	36503A	E-338	
25723					S	1CGZ	E-338	
25724			1CABDC1L	ABDC1 CONTROL CIRCUIT	CC	27120A	E-347	
25725					UU	27120A	E-349-1	
25726					A	27120A	E-332	
25727					A	1CEB	E-332	
25728					E	1CEB	E-332	
25729					DUCT	36079B*	E-337	
25730					S	JB3607	E-338	
25731					S	36079A	E-338	
25732					S	1CGC	E-338	
25733					S	36503A	E-338	
25734					S	1CGZ	E-338	
25735					FF	1CP15A	E-356	
25736					DD	1CP15A	E-356	
25737					DD	27120A	E-356	
25738					DD	1CPL	E-356	
25739			1CAC101C	AC101 CONTROL CIRCUIT	FF	1CP15A	E-356-8	
25740					DD	1CP15A	E-356-8	
25741					DD	27112C	E-356-8	
25742					DD	27112C	E-356-1, 356-6	
25743					DD	1CPL	E-356-1, 356-6	
25744					DD	27112B*	E-339,344,356	
25744A					II	27112B*	E-339, 344, 356	
25744B					CC	27112B*	E-339, 344, 356	
25745					II	27112A*	E-333, 339	
25745A					UU	27112A*	E-333, 339	
25745B					A	27112A*	E-333, 339	
25746					A	27112	E-335	
25747					A	1CEA	E-335	
25748					E	1CEA	E-335	
25749					DUCT	36083B*	E-337, 342	
25750					S	36083B	E-338	
25751					S	JB3607	E-338, 418	
25752					S	36083A	E-338, 418	
25753					S	1CGC	E-338, 418	
25754					S	36501A	E-338	
25755					S	1CGZ	E-338	
25756			1CAC101D	AC101 CONTROL CIRCUIT	FF	1CP63C	E-424	
25757					DD	1CP63C	E-424	
25758					DD	1CPL	E-356-1, 356-6	
25759					DD	27112C	E-356-1, 356-6	
25760					DD	27112B*	E-339,344,356	
25760A					II	27112B*	E-339, 344, 356	
25760B					CC	27112B*	E-339, 344, 356	
25761					II	27112A*	E-333, 339	
25761A					UU	27112A*	E-333, 339	
25761B					A	27112A*	E-333, 339	
25762					A	27112	E-335	
25763					A	1CEA	E-335	
25764					E	1CEA	E-335	
25765					DUCT	36083B*	E-337, 342	
25766					S	36083B	E-338	
25767					S	JB3607	E-338, 418	
25768					S	1CGC	E-338, 418	
25769					S	36083A	E-338, 418	
25770					S	1CGC	E-338, 418	
25771					S	36501A	E-338	
25772					S	1CGZ	E-338	
25773			1CAC101F	AC101 CONTROL CIRCUIT	K	36962A	E-338	
25774					K	36040C	E-338	
25775					K	1CGP	E-338	
25776					K	JB3637	E-338	
25777					DUCT	36040B*	E-337	

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APPENDIX B-1

CIRCUIT/SUB-COMPONENT LOCATION SUMMARY BY SYSTEM

ID No.	SYSTEM	COMPONENT	CIRCUIT/ SUB-COMP	DESCRIPTION	FIRE AREA	RACEWAY	RACEWAY DRAWING	CHANGE NO/TYP
25778	ESSPWR	C1	1CAC101F	AC101 CONTROL CIRCUIT	S	36040B	E-338	
25779					S	36040A	E-338	
25780					S	1CGC	E-338	
25781					S	36501A	E-338	
25782					S	1CGZ	E-338	
25783			1CAC101G	AC101 CONTROL CIRCUIT	K	36960A	E-338	
25784					K	36075C	E-338	
25785					K	1CGP	E-338	
25786					DUCT	36075B*	E-337	
25787					S	36075B	E-338	
25788					S	36075A	E-338	
25789					S	1CGC	E-338	
25790					S	36501A	E-338	
25791					S	1CGZ	E-338	
25792			1CAC101H	AC101 CONTROL CIRCUIT	K	36967A	E-338	
25793					K	36962A	E-338	
25794					K	1CGP	E-338	
25795			1CAC1033A	SWGR C1 CONTROL	FF	1CP15A	E-356-8	
25796					DD	1CP15A	E-356-8	
25797					DD	1CJL	E-356-1,356-6	
25798					DD	27111C	E-356-1,356-6	
25799					DD	27111B*	E-339,344,356-6	
25799A					II	27111B*	E-339, 344, 356	
25799B					CC	27111B*	E-339, 344, 356	
25800					II	27111A*	E-333, 339	
25800A					UU	27111A*	E-333, 339	
25800B					A	27111A*	E-333, 339	
25801					A	27111	E-335	
25802					A	1CEA	E-335	
25803					E	1CEA	E-335	
25804					DUCT	36083B*	E-337	
25805					S	JB3607	E-338	
25806					S	36083A	E-338	
25807					S	1CGC	E-338	
25808					S	36505A	E-338	
25809					S	1CGZ	E-338	
25810			1CAC1033B	SWGR C1 CONTROL	FF	1CP15A	E-356-8	
25811					DD	1CP15A	E-356-8	
25812					DD	1CPL	E-356-1, 356-6	
25813					DD	27111C	E-356-1, 356-6	
25814					DD	27111B*	E-339,344,356	
25814A					II	27111B*	E-339, 344, 356	
25814B					CC	27111B*	E-339, 344, 356	
25815					II	27111A*	E-333, 339	
25815A					UU	27111A*	E-333, 339	
25815B					A	27111A*	E-333, 339	
25816					A	27111	E-335	
25817					A	1CEA	E-335	
25818					E	1CEA	E-335	
25819					DUCT	36083B*	E-337, 342	
25820					S	JB3607	E-338	
25821					S	36083A	E-338	
25822					S	1CGC	E-338	
25823					S	36505A	E-338	
25824					S	1CGZ	E-338	
25825			1CAC1033C	SWGR C1 CONTROL CIRCUIT	S	36519A	E-338	
25826					S	36505A	E-338	
25827					S	1CGZ	E-338	
25828			1CAC103A	27/C1, 27A/C1 CONTROL CIRCUIT	FF	1CP15A	E-356-8	
25829					DD	1CP15A	E-356-8	
25830					DD	1CPL	E-356-1, 356-6	
25831					DD	27115C	E-356-1, 356-6	
25832					DD	27115B*	E-339, 344,356	
25832A					II	27115B*	E-339, 344, 356	
25832B					CC	27115B*	E-339, 344, 356	
25833					II	27115A*	E-333, 339	
25833A					UU	27115A*	E-333, 339	
25833B					A	27115A*	E-333, 339	
25834					A	27115	E-335	
25835					A	1CEC	E-335	
25836					E	1CEC	E-335	
25837					DUCT	36084B*	E-337, 342	
25838					S	36084B	E-338	
25839					S	JB3607	E-338, 418	
25840					S	36090A	E-338, 418	
25841					S	1CGC	E-338, 418	
25842					S	36501C	E-338	
25843					S	1CGZ	E-338	
25913			1PAC101A	AC101 POWER CIRCUIT	K	36001A	E-338	

RACEWAY LEGEND (A) = 3-HR FIRE WRAP (B) = 1-HR FIRE WRAP (C) = RADIANT ENERGY SHIELD * = EMBEDDED CONDUIT

APPENDIX B-1

CIRCUIT/SUB-COMPONENT LOCATION SUMMARY BY SYSTEM

ID No.	SYSTEM	COMPONENT	CIRCUIT/ SUB-COMP	DESCRIPTION	FIRE AREA	RACEWAY	RACEWAY DRAWING	CHANGE NO/TYP
25914	ESSPWR	C1	1PAC101A	AC101 POWER CIRCUIT	K	JB3636	E-338	
25915					K	36001B	E-338	
25916					DUCT	36001B*	E-337	
25917					S	36001B	E-338	
25918			1PAC101B	AC101 POWER CIRCUIT	K	36003A	E-338	
25919					K	JB3636	E-338	
25920					K	36003B	E-338	
25921					DUCT	36003B*	E-337	
25922					S	36003B	E-338	
26502A			1PD1P05A	CONTROL POWER TO SWGR BUS C1 (AC113)	S	46648A	E-338	
26502B					Y	46648A	E-346	
26501			3PD1N05A	CONTROL POWER TO SWGR BUS C1 (AC113)	S	46650A	E-338	
26502					Y	46650A	E-346	
25923			AC101	4.16KV ES SWGR BUS C1 BREAKER (CH. 1)	S		E-338	
25924			AC103	SWGR C1 CUBICLE	S		E-338	
25925			C1	4.16KV ESSEN SWGR BUS C1 (CH. 1)	S		E-338	
25926			C3615	AC101 ELECT CTRL & RLY BD (CH. 1)	K		E-338	
25927			C3617	AC101 EXCIT CTRL & RLY BD (CH. 1)	K		E-338	
25928			C3621	AC101 ENGINE CTRL PANEL (CH. 1)	K		E-338	
25929			C5715	SWGR C1 CONTROL ROOM PANEL	FF		E-353	
25930			C5763C	AC101 CONTROL ROOM PANEL (CH. 1)	FF		E-353	
26000		C2	1CAC110C	AC110 CONTROL CIRCUIT	FF	1CP15A	E-356-8	
26001					DD	1CP15A	E-356-8	
26002					DD	1CPL	E-356-1, 356-6	
26003					DD	27120A	E-356-1, 356-6	
26004					CC	27120A	E-347	
26005					UU	27120A	E-349-1	
26006					A	27120A	E-335	
26007					A	1CEB	E-335	
26008					E	1CEB	E-335	
26009					DUCT	36079B*	E-337, 342	
26010					S	36079B	E-338	
26011					S	JB3607	E-338, 418	
26012					S	36079A	E-338, 418	
26013					S	1CGC	E-338, 418	
26014					S	36519A	E-338	
26015					S	1CGZ	E-338	
26016			1CAC110D	AC110 CONTROL CIRCUIT	K	36962B	E-338	
26017					K	36040C	E-338	
26018					K	1CGP	E-338	
26019					K	JB3637	E-338	
26020					DUCT	36040B*	E-337, 341	
26021					S	36040B	E-337	
26022					S	36040A	E-338	
26023					S	1CGC	E-338	
26024					S	36519A	E-338	
26025					S	1CGZ	E-338	
26060F			AACC2	BUS C2 TIE BREAKER AAC2	S		E-351-1	
26026			AC110	4.16KV ESSEN SWGR C1 BREAKER (CH. 1)	S		E-338	
26027			AC203	SWGR C2 CUBICLE	S		E-338	
25940			ACAACC2A	BACKFEED CONTROL CIRCUIT E34B/1	S	36537A	E-338, 351-1	
25941					S	ACGF	E-338, 351-1	
25942					S	ACGB	E-338, 351-1	
25943					S	ACGH	E-338, 351-1	
25944					S	36575A	E-338, 351-1	
26060A					S	36537A	E-351-1, 338	
26060B					S	ACGF	E-351-1, 338	
26060C					S	ACGB	E-338	
26060D					S	ACGH	E-338, 351-1	
26060E					S	36575A	E-338, 351-1	
25945			ACAACC2B	BACKFEED CONTROL CIRCUIT E34B/1	S	36537A	E-338, 351-1	
25946					S	AGGF	E-338, 351-1	
25947					S	ACGB	E-338, 351-1	
25948					S	ACGH	E-338, 351-1	
25949					S	36351A	E-338, 351-1	
25950			ACAACC2C	BACKFEED CONTROL CIRCUIT E34B/1	S	36537A	E-338, 351-1	
25951					S	ACGF	E-338, 351-1	
25952					II	ACGF	E-356-1, 349-1	
25953					DD	ACGF	E-356-1, 356-2	
25954					DD	ACPJ	E-356-1, 356-2	
25955					DD	ACPR	E-356-1, 356-2	
25956					DD	ACPG	E-356-1, 356-2	
25957					DD	ACP15B	E-356-1, 356-2	
25958					FF	ACP15B	E-356-1, 356-2	
25959			ACAACC2D	BACKFEED CONTROL CIRCUIT E34B/1	S	36502A	E-338, 351-1	
25960					S	ACGF	E-338, 351-1	
25961					S	ACGB	E-338, 351-1	
25962					S	ACGH	E-338, 351-1	

RACEWAY LEGEND (A) = 3-HR FIRE WRAP (B) = 1-HR FIRE WRAP (C) = RADIANT ENERGY SHIELD * = EMBEDDED CONDUIT

APPENDIX B-1

CIRCUIT/SUB-COMPONENT LOCATION SUMMARY BY SYSTEM

ID No.	SYSTEM	COMPONENT	CIRCUIT/ SUB-COMP	DESCRIPTION	FIRE AREA	RACEWAY	RACEWAY DRAWING	CHANGE NO/TYP
25963	ESSPWR	C2	ACAACC2D	BACKFEED CONTROL CIRCUIT E34B/1	S	36043A	E-338	
25964					DUCT	36043B*	E-337	
25965					K	36043C	E-338	
25966					K	ACGR	E-338	
25967					K	36961A	E-338	
25968			ACAACC2E	BACKFEED CONTROL CIRCUIT E34B/1	S	36537A	E-338, 351-1	
25969					S	ACGF	E-338, 351-1	
25970					S	36502A	E-338, 351-1	
25971			ACAACC2F	BACKFEED CONTROL CIRCUIT E34B/1	S	36537A	E-338, 351-1	
25972					S	ACGF	E-338, 351-1	
25973					S	36504A	E-338, 351-1	
25974			ACAACC2G	BACKFEED CONTROL CIRCUIT E34B/1	S	36537A	E-338, 351-1	
25975					S	ACGF	E-338, 351-1	
25976					S	36518A	E-338, 351-1	
25977			ACAACC2H	BACKFEED CONTROL CIRCUIT E34B/1	S	36502A	E-338, 351-1	
25978					S	ACGF	E-338, 351-1	
25979					II	ACGF	E-338, 349-1	
25980					DD	ACGF	E-356-1, 356-2	
25981					DD	ACPJ	E-356-1, 356-2	
25982					DD	ACPR	E-356-1, 356-2	
25983					DD	ACPG	E-356-1, 356-2	
25984					DD	ACP15B	E-356-1, 356-2	
25985					FF	ACP15B	E-356-2, 356-8	
25986			ACAACC2I	BACKFEED CONTROL CIRCUIT E34B/1	S	36538A	E-358, 351-1	
25987					S	ACGG	E-358, 351-1	
25988					S	ACGF	E-358, 351-1	
25989					S	36518A	E-358, 351-1	
26060K			ACAC2031A	BKR AMMETER AND TRIP AC110	S	36531A	E-351-1	A
26060M					S	ACGF	E-338	A
26060N					II	ACGF	E-338	A
26060O					II	ACGF	E-349-1	A
26060P					DD	ACGF	E-356-1	A
26060Q					DD	ACPJ	E-356-2	A
26060R					DD	ACPR	E-356-2	A
26060S					DD	ACPG	E-356-2	A
26060T					DD	ACP15B	E-356-8	A
26060U					FF	ACP15B	E-356-8	A
26028			ACAC2032A	SWGR C2 CONTROL CIRCUIT	FF	ACP15B	E-356-8	
26029					DD	ACP15B	E-356-8	
26030					DD	ACPG	E-356-2	
26031					DD	ACPR	E-356-2	
26032					DD	ACPJ	E-356-2	
26033					DD	ACGF	E-356-2	
26034					II	ACGF	E-338,349-1,347	
26035					S	36531A	E-338	
26036					S	ACGF	E-338	
26037			ACAC2032B	SWGR C2 CONTROL CIRCUIT	S	36381A	E-338	
26038					S	36601A	E-338	
26039					S	ACGJ	E-338	
26040					S	36531A	E-338	
26041					S	ACGF	E-338	
26042			ACAC2032C	SWGR C2 CONTROL CIRCUIT	K	ACGR	E-338	
26043					K	36043C	E-338	
26044					DUCT	36043B*	E-337, 341	
26045					S	36043A	E-338	
26046					S	ACGH	E-338	
26047					S	ACGB	E-338	
26048					S	36531A	E-338	
26049					S	ACGF	E-338	
26060H			ACAC2033B	BKR AMMETER AND TRIP AC110	S	36518A	E-351-1	A
26060I					S	ACGF	E-338	A
26060J					S	36531A	E-351-1	A
26053A			APDAN07A	125V DC CONTROL POWER TO SWGR C2	Y	46651A	E-346	
26053B					S	46651A	E-338	
26053C					Y	46649A	E-346	
26053D					S	46649A	E-338	
26050			C2	4.16KV ESSEN SWGR BUS C2 (CH. 2)	S		E-338	
26051			C3610	SWGR C2 CONTROL CABINET	S		E-338	
26052			C3615	EDG 1-1 ELECT CONTROL & RELAY PANEL	K		E-338	
26053			C5715	SWGR C2 CONTROL ROOM PANEL	FF		E-353	
26060G			HAAC	BUS C2 TIE BREAKER HAAC	S		E-351-1	
26512A		C3615	1PD1P09A	CONTROL POWER TO DG1Y PANEL C3615	K	36076C	E-338	
26512B					DUCT	36076B*	E-337	
26512C					S	36076A	E-338	
26512D					Y	36076A	E-346	
26512E					Y	JB4168	E-346	
26512F					Y	46220A	E-346	
31903			1PY105A	CONTROL POWER TO EDG1-1 IND LIGHTS	K	36076C	E-338	

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APPENDIX B-1

CIRCUIT/SUB-COMPONENT LOCATION SUMMARY BY SYSTEM

ID No.	SYSTEM	COMPONENT	CIRCUIT/ SUB-COMP	DESCRIPTION	FIRE AREA	RACEWAY	RACEWAY DRAWING	CHANGE NO/TYP
31904	ESSPWR	C3615	1PY105A	CONTROL POWER TO EDG1-1 IND LIGHTS	DUCT	36076B*	E-337	
31905					S	36076A	E-338	
31906					Y	36076A	E-346	
31907					Y	JB4618	E-346	
31908					Y	46129A	E-346	
26505			3PD1N09A	CONTROL POWER TO DG 1-1 PANEL C3615	K	36002D	E-338	
26506					K	36002C	E-338	
26507					DUCT	36002B*	E-337	
26508					S	36002F	E-338	
26509					Y	36002F	E-346	
26510					Y	36002F	E-346	
26511					Y	JB4629	E-346	
26512					Y	36002G	E-346	
32407			3PY305A	ALT CONTROL POWER TO EDG1-1 IND LIGHTS	K	36002E	E-338	
32408					K	36002C	E-338	
32409					DUCT	36002B*	E-337	
32410					S	36002F	E-338	
32411					Y	36002F	E-346	
32412					Y	36002F	E-346	
32413					Y	JB4629	E-346	
32414					Y	36002H	E-346	
27334		C3616	2PD2P09A	CONTROL POWER TO EDG 1-2 PANEL C3616	J	36341A	E-338	
27335					J	36341A	E-338	
27336					Q	36341A	E-338	
27337					Q	JB3640	E-338	
27338					Q	46823B	E-338	
27339					X	46823B	E-346	
32193			2PY205A	CONTROL POWER TO EDG1-2 IND LIGHTS	J	36341A	E-338	
32194					J	36341A	E-338	
32195					Q	36341A	E-338	
32196					Q	JB3640	E-338	
32197					Q	46823B	E-338	
32198					X	46823B	E-346	
32199					X	D2P	E-346	
32200					X	46823C	E-346	
27106			4PD2N09A	CONTROL POWER TO DG 1-2 PANEL C3616	J	46095A	E-338	
27107					X	46095E	E-346	
27108					X	46095E	E-346	
27109					X	46095G	E-346	
32509			4PY405A	ALT CONTROL POWER TO EDG1-2 IND LIGHTS	J	46095D	E-338	
32510					J	46095A	E-338	
32511					J	46095A	E-338	
32512					J	46095B*	E-337, 343	
32512A					X	46095B*	E-337, 343	
32512B					Q	46095B*	E-337, 343	
32512C					X	46095B*	E-337, 343	
32513					X	46095E	E-346	
32514					X	46095E	E-346	
32515					X	46095F	E-346	
32052A		C3628	1CY108A	CONTROL POWER TO AUX S/D PANEL C3630	S	36142A	E-338	
32052B					S	1CGC	E-338	
32052C					S	36357A	E-338	
32052D					Y	36357A	E-346	
32052E					Y	46122A	E-346	
32052F					Y	1CKA	E-346	
32052			1CY108AC	CONTROL POWER TO AUX S/D PANEL C3630	R	36142A	E-338	
32052G			1CY108B	CNTRL PWR TO INST ELEC RACK ENCL C3628	R	36275A	E-338	
33750		C3629	2CY208A	CONTROL POWER TO AUX S/D PANEL C3630	R	36172A	E-338	
33751					Q	2CGE	E-338	
33752					Q	36728A	E-338	
33753					X	36728A	E-346	
33754					X	46824A	E-346	
33755			2CY208B	CNTRL PWR TO INST ELEC RACK ENCL C3629	X	2CKL	E-346	
31819		C3630	1CY108A	CONTROL POWER TO AUX S/D PANEL C3630	R	36142A	E-338	
31820					S	36142A	E-338	
31821					S	1CGC	E-338	
31822					S	36357A	E-338	
31823					Y	36357A	E-346	
31824					Y	46122A	E-346	
31825					Y	1CKA	E-346	
31826			1CY108B	CTRL PWR TO INST ELEC RACK ENCL C3628	R	36275A	E-338	
32115			2CY208A	CONTROL POWER TO AUX S/D PANEL C3630	R	36172A	E-338	
32116					Q	2CGE	E-338	
32117					Q	36728A	E-338	
32118					X	36728A	E-346	

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APPENDIX B-1

CIRCUIT/SUB-COMPONENT LOCATION SUMMARY BY SYSTEM

ID No.	SYSTEM	COMPONENT	CIRCUIT/ SUB-COMP	DESCRIPTION	FIRE AREA	RACEWAY	RACEWAY DRAWING	CHANGE NO/TYP
32119	ESSPWR	C3630	2CY208A	CONTROL POWER TO AUX S/D PANEL C3630	X	46824A	E-346	
32120					X	2CKL	E-346	
32121			2CY208B	CTRL PWR TO INST ELEC RACK ENCL C3629	R	36272A	E-338	
32000		C3645	1CY104AA	Y1A CONT POWER TO C3645 (AF6452 FO)	Y	46122F	E-346	
32001					Y	1CKA	E-346	
32002					Y	36357D	E-346	
32003					S	36357D	E-338	
32004					S	1CGC	E-338	
32005					S	36982A	E-338	
32319		C4602	2CY208AA	CONTROL POWER TO C4602	X	46824D	E-346	
32320					X	2CKL	E-346	
32321					X	46961H	E-346	
32322					X	2CKM	E-346	
32323					DF	2CKM	E-346	
32324					DF	46193B	E-346	
32325					DF	JB4674	E-346	
32326					DF	46961B	E-346	
32327			2CY208AB	CONTROL POWER TO C4602	DF	46961B	E-346	
32328					DF	JB4674	E-346	
32329					DF	2CKM	E-346, 347	
32330					DF	46961E	E-347	
32300		C4625	2CY204AA	Y2A CONT POWER TO C4625 (AF6451 FO)	X	46824D	E-346	
32301					X	2CKL	E-346	
32302					X	46961H	E-346	
32303					X	2CKM	E-346	
32304					X	46968A	E-346	
32028		C4808	1CY108AA	CONTROL POWER FROM Y1A	Y	46122F	E-346-1	
32029					Y	1CKA	E-346-1	
32030					Y	36357D	E-346	
32031					S	36357D	E-338	
32032					S	1CGC	E-338	
32033					S	36289A	E-338	
32034					S	JB3607	E-338	
32035					S	36080B	E-337, 338, 342	
32036					DUCT	36080B*	E-337	
32037					E	1CEA	E-335	
32038					A	1CEA	E-335	
32039					A	27617B	E-335	
32040					G	27617B	E-335	
32041					G	1CDB	E-335, 351-4	
32042					U	1CDB	E-349-3, 351-4	
32042A					U	37089A	E-349-3	A
32042B					U	1CJL	E-349-3	A
32042C					U	37092A	E-349-3	A
32043					U	JB3736	E-349-3	
32051A			1CY108AB	CONTROL POWER FROM Y1A	DG	48554D	E-348	
32043A			1CY108AC	CONTROL POWER FROM Y1A	U	JB3736	E-349-3	
32044					U	37092F	E-349-3, 356	
32045					U	1CJL	E-349-3, 356-6	
32046					CC	1CJL	E-347	
32047					CC	47000A	E-347	
32048					V	47000A	E-347	
32050					V	1CLA	E-347, 348	
32050A					V	48554E	E-348	
32051					DG	48554E	E-348	
32122		C5705	2CY211A	CTRL PWR TO IND LGTS FOR SVS C5716	FF	2CP16C	E-353	
32123					DD	2CP16C	E-356-1	
32124					DD	2CPN	E-356-1	
32125					DD	2CKL	E-356-1	
32126					DF	2CKL	E-346	
32127					X	2CKL	E-346	
32128					X	46824B	E-346	
32129			2CY211B	CNTRL POWER TO IND LTS FOR C5705	FF	2CP02C	E-356-8	
32130					DD	2CP02C	E-356-8	
32131					DD	2CPN	E-356-7	
32132					DD	2CP16C	E-356-8	
32133					FF	2CP16C	E-356-8	
32134			2CY211C	CNTRL POWER TO IND LTS FOR C5710	FF	FLEX	E-356-8	
26605A			2CY419A	INDICATING POWER TO C5705 (PORV)	X	46966A	E-346	2 A
26605B					X	46966A	E-346	2 A
26605C					X	2CKM	E-346	2 A
26605D					DF	2CKM	E-346, 347	2 A
26605E					DD	2CKM	E-356-7	2 A
26605F					DD	2CPN	E-356-7	2 A

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APPENDIX B-1

CIRCUIT/SUB-COMPONENT LOCATION SUMMARY BY SYSTEM

ID No.	SYSTEM	COMPONENT	CIRCUIT/ SUB-COMP	DESCRIPTION	FIRE AREA	RACEWAY	RACEWAY DRAWING	CHANGE NO/TYP
26605G	ESSPWR	C5705	2CY419A	INDICATING POWER TO C5705 (PORV)	DD	5705C1	E-356-8	2 A
26605H					FF	5705C1	E-356-8	2 A
32711G		C5706	BCYBU28A	CONT POWER TO C5706 (IND SV5706 604)	DD	BCP02D	E-356-8	
32121A		C5708	1CY112A	CNTL PWR FOR IND LGTS + PROCESS MON IND	Y	1CKA	E-346	
32121B					Y	36122A	E-346	
32121C					Y	1CKD	E-346	
32121D					Y	46053B*	E-343, 344, 355	
32121E					X	46053B*	E-343, 344, 355	
32121F					DF	46053B*	E-343, 344, 355	
32121G					A	46053B*	E-343, 344, 355	
32121H					DD	46053B*	E-343, 344, 355	
32121I					DD	46053A	E-356-1, 356-6	
32121J					DD	1CPL	E-356-1, 356-6	
32121K					DD	1CP16A	E-356-8	
32121L					FF	1CP16A	E-356-8	
32121M			1CY112B	CNTL PWR FOR IND LGTS + PROCESS MON IND	FF	1CP16A	E-356-8	
32121N					DD	1CP16A	E-356-8	
32121O					DD	1CPL	E-356-6	
32121P					DD	1CP63B	E-424	
32121Q					FF	1CP63B	E-424	
32121R			1CY112C	CNTL PWR FOR IND LGTS + PROCESS MON IND	FF	1CP16A	E-356-8	
32121S					DD	1CP16A	E-356-8	
32121T					DD	1CPM	E-356-6	
32121U					DD	5706A4	E-356	
32121V					FF	5706A4	E-356	
32134A		C5709	2CY211A	CTL PWR FOR IND LGTS + PROCESS MON IND	X	46824A	E-346	
32134B					X	2CKL	E-346	
32134C					DF	2CKL	E-346	
32134D					DD	2CKL	E-356-1	
32134E					DD	2CPN	E-356-1	
32134F					DD	2CP16C	E-356-1	
32134G					FF	2CP16C	E-353	
32134H			2CY211B	CTL PWR FOR IND LGTS + PROCESS MON IND	FF	2CP16C	E-356-8	
32134I					DD	2CP16C	E-356-8	
32134J					DD	2CPN	E-356-7	
32134K					DD	2CP02C	E-356-8	
32134L					FF	2CP02C	E-356-8	
32134M			2CY211C	CTL PWR FOR IND LGTS + PROCESS MON IND	FF	FLEX	E-356-8	
31832		C5716	1CY112A	CTRL PWR FOR IND LGTS + PROCESS MON IND	FF	1CP16A	E-356-8	
31833					DD	1CP16A	E-356-8	
31834					DD	1CPL	E-356-1, 356-6	
31835					DD	46053A	E-356-1, 356-6	
31836					DD	46053B*	E-343,344,355	
31836A					A	46053B*	E-343, 344, 355	
31836B					DF	46053B*	E-343, 344, 355	
31836C					X	46053B*	E-343, 344, 355	
31836D					Y	46053B*	E-343, 344, 355	
31837					Y	1CKD	E-346	
31838					Y	36122A	E-346	
31839					Y	1CKA	E-346	
31840			1CY112B	CTRL PWR FOR IND LGTS + PROCESS MON IND	FF	1CP63B	E-424	
31841					DD	1CP63B	E-424	
31842					DD	1CPL	E-356-6	
31843					DD	1CP16A	E-356-8	
31844					FF	1CP16A	E-356-8	
31845			1CY112C	CTRL PWR FOR IND LGTS + PROCESS MON IND	FF	1CP16A	E-356-8	
31846					DD	1CP16A	E-356-8	
31847					DD	1CPM	E-356-6	
31848					FF	5706A4	E-356	
31849					DD	5706A4	E-356	
31826A			2CY211A	CTL PWR FOR IND LGTS + PROCESS MON IND	X	46824A	E-346	
31826B					X	2CKL	E-346	
31826C					DF	2CKL	E-346	
31826D					DD	2CKL	E-356-1	
31826E					FF	2CPN	E-356-1	
31826F					DD	2CP16C	E-356-1	
31826G					FF	2CP16C	E-353	
31826H			2CY211B	CTL PWR FOR IND LGTS + PROCESS MON IND	FF	2CP16C	E-353	
31826I					DD	2CP16C	E-356-1	
31826J					DD	2CPN	E-356-7	
31826K					DD	2CP02C	E-356-8	
31826L					FF	2CP02C	E-356-8	
31826M			2CY211C	CTL PWR FOR IND LGTS + PROCESS MON IND	FF	FLEX	E-356-8	
31850		C5717	1CY116A	CTRL PWR TO IND LGHTS FOR SVS C5717	FF	1CP17B	E-356-8	

RACEWAY LEGEND (A) = 3-HR FIRE WRAP (B) = 1-HR FIRE WRAP (C) = RADIANT ENERGY SHIELD * = EMBEDDED CONDUIT

APPENDIX B-1

CIRCUIT/SUB-COMPONENT LOCATION SUMMARY BY SYSTEM

ID No.	SYSTEM	COMPONENT	CIRCUIT/ SUB-COMP	DESCRIPTION	FIRE AREA	RACEWAY	RACEWAY DRAWING	CHANGE NO/TYP
31851	ESSPWR	C5717	1CY116A	CTRL PWR TO IND LGHTS FOR SVS C5717	DD	1CP17B	E-356-8	
31852					DD	1CPM	E-356-1	
31853					DD	46056A	E-356-1	
31854					DD	46056B*	E-343,344,356-1	
31854A					A	46056B*	E-343,344,356-1	
31854B					DF	46056B*	E-343,344,355	
31854C					X	46056B*	E-343,344,355	
31854D					Y	46056B*	E-343,344,355	
31855					Y	46145A	E-346	
31856					Y	1CKA	E-346	
31857					Y	46122A	E-346	
31858					Y	1CKA	E-346	
32135			2CY212A	CTRL PWR TO IND LGTS FOR SVS C5717	FF	2CP17C	E-356-8	
32136					DD	2CP17C	E-356-8	
32137					DD	2CPN	E-356-7	
32138					DD	2CKL	E-356-7	
32139					DF	2CKL	E-346, 347	
32140					X	2CKL	E-346	
32141					X	46824A	E-346	
32142			2CY212B	CONTROL POWER TO C5755A	FF	2CP55A	E-424	
32143					DD	2CP55A	E-424	
32144					DD	2CPN	E-356-7	
32145					DD	2CP17C	E-356-8	
32146					FF	2CP17C	E-356-8	
27237		C5755C	2CD2P19A	CONTROL POWER TO SFAS SVS C5755C	FF	2CP55C	E-424	
27238					DD	2CP55C	E-424	
27239					DD	2CPN	E-356-7	
27240					DD	2CKM	E-356-7	
27241					DF	2CKM	E-346, 347	
27242					X	2CKM	E-346	
27243					X	46805A	E-346	
32108		C5755D	2CY207A	120VAC CONTROL POWER	FF	2CP55D	E-353	
32109					DD	2CP55D	E-356-1	
32110					DD	2CPN	E-356-1	
32111					DD	2CKL	E-356-1	
32112					DF	2CKL	E-346	
32113					X	2CKL	E-346	
32114					X	46824A	E-346	
24620		C5755E	2CY206A	CONTROL POWER TO C5755E	FF	2CP55E	E-353	
24621					DD	2CP55E	E-356-1, 356-11	
24622					DD	2CPN	E-356-7	
24623					DD	2CKL	E-356-7	
24624					DF	2CKL	E-346-1, 347-1	
24625					X	2CKL	E-346-1	
24626					X	46824A	E-346-1	
32305		C5755G	2CY2A205A	CONTROL POWER TO C5755G	X	46824D	E-346-1	
32306					X	2CKL	E-346	
32307					DF	2CKL	E-346	
32308					DD	2CKL	E-356	
32309					DD	2CPN	E-356	
32310					DD	2CP55G	E-356-11	
32311					FF	2CP55G	E-356-11	
27230		C5756D	2CD2P18A	CONTROL POWER TO SFAS SVS C5756D	FF	2CP56D	E-424	
27231					DD	2CP56D	E-424	
27232					DD	2CPN	E-356-7	
27233					DD	2CKM	E-356-7	
27234					DF	2CKM	E-346, 347	
27235					X	46805A	E-346	
27236					X	2CKM	E-346	
32500			4CY407A	CONTROL POWER TO SFAS-4 PANEL C5756D	FF	46865G	E-353	
32501					DD	46865G	E-356-1	
32502					DD	46865E	E-356-1	
32503					DD	46865C	E-356-1	
32504					DF	46865C	E-346, 347	
32505					X	46865C	E-346	
32506					X	46865C	E-346	
32507					X	JB4606	E-346	
32508					X	46865A	E-346	
32708		C5759C	BPYBU51A	INS POWER NNI-X BUS	X	46189A	E-346, 356	
32709					DF	46189A	E-346, 356	
32710					DD	46189A	E-346, 356	
32711					DD	46189B	E-356	
32712					FF	46189B	E-353	

RACEWAY LEGEND (A) = 3-HR FIRE WRAP (B) = 1-HR FIRE WRAP (C) = RADIANT ENERGY SHIELD * = EMBEDDED CONDUIT

APPENDIX B-1

CIRCUIT/SUB-COMPONENT LOCATION SUMMARY BY SYSTEM

ID No.	SYSTEM	COMPONENT	CIRCUIT/ SUB-COMP	DESCRIPTION	FIRE AREA	RACEWAY	RACEWAY DRAWING	CHANGE NO/TYP
32605	ESSPWR	C5760D	APYAU26A	INST POWER FD TO NNI-Y BUS	Y	46188A	E-346	
32606					II	46188A	E-347	
32607					DD	46188A	E-356	
32608					DD	46188B	E-356	
32609					FF	46188B	E-353	
58200		C5761A	1CY115B	CONT POWER SFRCS LOGIC CH 1	DD	1CPL	E-356-6	
58202					DD	46051A	E-356-1	
58203					Y	46051B*	E-343, 344, 355	
58203A					X	46051B*	E-343, 344, 355	
58203B					DF	46051B*	E-343, 344, 355	
58203C					A	46051B*	E-343, 344, 355	
58203D					DD	46051B*	E-343, 344, 355	
58204					FF	1CPL	E-356-10	
58205					Y	1CKD	E-346	
58206					Y	1CKA	E-346	
58207					Y	46122B	E-346	
31950			1CYE211A	INST POWER TO SFRCS LOGIC CH 3	V	38424A	E-350	
31951					V	1CJL	E-350	
31952					U	1CJL	E-349-3	
31953					CC	1CJL	E-347	
31954					DD	1CJL	E-356-6	
31955					DD	1CPL	E-356-6	
31956					FF	1CPL	E-353	
31895		C5762A	1CY121A	CONT POWER SFRCS RELAY CH 1	FF	1CP62A	E-356-10	
31896					DD	1CP62A	E-356-10	
31897					DD	46051A	E-356-1, 356-6	
31898					DD	1CPL	E-356-1, 356-6	
31899					DD	46051B*	E-343,344,355	
31899A					A	46051B*	E-343, 344, 355	
31899B					DF	46051B*	E-343, 344, 355	
31899C					X	46051B*	E-343, 344, 355	
31899D					Y	46051B*	E-343, 344, 355	
31900					Y	1CKD	E-346	
31901					Y	46122B	E-346	
31902					Y	1CKA	E-346	
26811			1PD1P11A	CONTROL POWER TO SFRCS RELAY CH 3	FF	46050C	E-353	
26812					DD	46050C	E-356-1	
26813					DD	46050B*	E-343,344,355	
26813A					A	46050B*	E-343, 344, 355	
26813B					DF	46050B*	E-343, 344, 355	
26813C					X	46050B*	E-343, 344, 355	
26813D					Y	46050B*	E-343, 344, 355	
26814					Y	46050A	E-346	
26814A			1PD1P11B	CONTROL POWER TO SFRCS RELAY CH.2	Y	56050A	E-346	
26700		C5762C	1CD1P18A	CONTROL POWER TO SFAS SVS C5762C	FF	1CP62C	E-356-10	
26701					DD	1CP62C	E-356-10	
26702					DD	1CPL	E-356-1	
26703					DD	46051A	E-356-1	
26704					DD	46051B*	E-343,344,355	
26704A					A	46051B*	E-343, 344, 355	
26704B					DF	46051B*	E-343, 344, 355	
26704C					X	46051B*	E-343, 344, 355	
26704D					Y	46051B*	E-343, 344, 355	
26705					Y	1CKD	E-346	
26706					Y	46615A	E-346	
26707					Y	1CKA	E-346	
31811		C5762D	1CY107A	120V AC CONTROL POWER	FF	1CP62E	E-356-10	
31812					DD	1CP62E	E-356-10	
31813					DD	1CPL	E-356-1, 356-6	
31814					DD	46053A	E-356-1, 356-6	
31815					DD	46053B*	E-343,344,355	
31815A					A	46053B*	E-343,344,356-1	
31815B					DF	46053B*	E-343,344,356-1	
31815C					X	46053B*	E-343,344,356-1	
31815D					Y	46053B*	E-343,344,356-1	
31816					Y	1CKD	E-346	
31817					Y	46122A	E-346	
31818					Y	1CKA	E-346	
24630		C5762E	1CY106A	CONTROL POWER TO C5762E	FF	1CP62E	E-356-10	
24631					DD	1CP62E	E-356-10	
24632					DD	1CPL	E-356-1, 356-6	
24633					DD	46053A	E-356-1	
24634					DD	46053B*	E-355	
24635					A	46053B*	E-355	

RACEWAY LEGEND (A) = 3-HR FIRE WRAP (B) = 1-HR FIRE WRAP (C) = RADIANT ENERGY SHIELD * = EMBEDDED CONDUIT

APPENDIX B-1

CIRCUIT/SUB-COMPONENT LOCATION SUMMARY BY SYSTEM

ID No.	SYSTEM	COMPONENT	CIRCUIT/ SUB-COMP	DESCRIPTION	FIRE AREA	RACEWAY	RACEWAY DRAWING	CHANGE NO/TYP
24636	ESSPWR	C5762E	1CY106A	CONTROL POWER TO C5762E	DF	46053B*	E-355, 343	
24637					X	46053B*	E-343	
24638					Y	46053B*	E-343	
24639					Y	1CKD	E-346-1	
24640					Y	1CKA	E-346-1	
24641					Y	46122A	E-346	
31957					Y	46122A	E-346	
31958					Y	1CKA	E-346	
31959					Y	1CKD	E-346	
31960					Y	46053B*	E-346	
31961					X	46053B*	E-346	
31962					DF	46053B*	E-346, 347, 355	
31963					A	46053B*	E-346, 347, 355	
31964					DD	46053B*	E-346, 347, 355	
31965					DD	46053A	E-356-1	
31966					DD	1CPL	E-356-6	
31967					DD	1CP62E	E-356-10	
31967A					FF	1CP62E	E-353, 356-10	
32006		C5763A	1CY1A105A	CONTROL POWER TO C5763A	Y	46122F	E-346-1	
32007					Y	1CKA	E-346	
32008					Y	46060B	E-343	
32009					Y	46060B*	E-343,344,356-1	
32009A					X	46060B*	E-343,344,356-1	
32009B					DF	46060B*	E-343,344,355	
32009C					A	46060B*	E-343,344,355	
32009D					DD	46060B*	E-343,344,355	
32010					DF	46060B	E-346	
32011					DF	46060A	E-356-6	
32012					DD	46060A	E-346	
32013					DD	1CPM	E-356-6	
32014					DD	1CPR	E-356-6	
32015					DD	1CPL	E-356	
32016					DD	1CP63A	E-356	
32017					FF	1CP63A	E-356	
26708		C5763D	1CD1P19A	CONTROL POWER TO SFAS SVS C5763D	FF	1CP63D	E-356-10	
26709					DD	1CP63D	E-356-10	
26710					DD	1CPL	E-356-1, 356-6	
26711					DD	46051A	E-356-1, 356-6	
26712					DD	46051B*	E-343,344,355	
26712A					A	46051B*	E-343, 344, 355	
26712B					DF	46051B*	E-343, 344, 355	
26712C					X	46051B*	E-343, 344, 355	
26712D					Y	46051B*	E-343, 344, 355	
26713					Y	1CKD	E-346	
26714					Y	46615A	E-346	
26715					Y	1CKA	E-346	
32400			3CY307A	120V AC CONTROL POWER	FF	46091G	E-353	
32401					DD	46091G	E-356-1	
32402					DD	46091E	E-356-1	
32403					DD	46091C	E-356-1	
32404					DD	46091B*	E-343, 344,355	
32404A					A	46091B*	E-343, 344, 355	
32404B					DF	46091B*	E-343, 344, 355	
32404C					X	46091B*	E-343, 344, 355	
32404D					II	46091B*	E-343, 344, 355	
32404E					Y	46091B*	E-343, 344, 355	
32405					Y	JB4607	E-346	
32406					Y	46091A	E-346	
31968		C5792	2CY221B	CONT POWER SFRCS RELAY CH 2	X	46824B	E-346	
31969					X	2CKL	E-346	
31970					DF	2CKL	E-346, 347	
31971					DD	2CKL	E-356-7	
31972					DD	2CPN	E-356-7	
31973					DD	2CEV	E-356-7	
31974					DD	2CP92B	E-356-7	
31975					FF	2CP92B	E-353	
58600					DD	2CPN	E-356-7	
58601					DD	2CEV	E-356-1	
58602					DD	2CP92B	E-356-1	
58603					DD	2CKL	E-356-7	
58604					DF	2CKL	E-347	
58605					FF	2CP92B	E-353	
58606					X	46824A	E-346	
58607					X	2CKL	E-346	
27340			2PD2P11A	CONTROL POWER TO SFRCS PANEL C5792	FF	46117A	E-356-1	
27341					DD	46117A	E-356-1	

RACEWAY LEGEND (A) = 3-HR FIRE WRAP (B) = 1-HR FIRE WRAP (C) = RADIANT ENERGY SHIELD * = EMBEDDED CONDUIT

APPENDIX B-1

CIRCUIT/SUB-COMPONENT LOCATION SUMMARY BY SYSTEM

ID No.	SYSTEM	COMPONENT	CIRCUIT/ SUB-COMP	DESCRIPTION	FIRE AREA	RACEWAY	RACEWAY DRAWING	CHANGE NO/TYP
27342	ESSPWR	C5792	2PD2P11A	CONTROL POWER TO SFRCS PANEL C5792	DF	46117A	E-346, 347	
27343					X	46117A	E-346	
31976		C5792A	2CY215B	INST POWER SFRCS LOGIC CH 2	X	46824A	E-346	
31977					X	2CKL	E-346	
31978					DF	2CKL	E-346, 347	
31979					DD	2CKL	E-356-7	
31980					DD	2CPN	E-356-7	
31981					DD	2CEV	E-356-7	
31982					DD	2CP92B	E-356-7	
31983					FF	2CP92B	E-353	
58700					DD	2CPN	E-356-7	
58701					DD	2CEV	E-356-1	
58702					DD	2CP92B	E-356-1	
58703					DD	2CKL	E-356-7	
58704					DF	2CKL	E-347	
58705					FF	2CP92B	E-353	
58706					X	46824A	E-346	
58707					X	2CKL	E-346	
31984			2CYF211A	INST POWER TO SFRCS LOGIC CH 3	DF	47355A	E-347	
31985					DF	2CLA	E-347	
31986					DD	2CLA	E-356-7	
31987					DD	2CPR	E-356-7	
31988					DD	2CKM	E-356-7	
31989					DD	2CPN	E-356-7	
31990					DD	2CEV	E-356-7	
31991					DD	2CP92B	E-356-7	
31992					FF	2CP92B	E-353	
32312		C5798	2CY207AA	CONTROL POWER, NNI LTS - RCS VENT	X	46824D	E-346-1	
32313					X	2CKL	E-346	
32314					DF	2CKL	E-346	
32315					DD	2CKL	E-356	
32316					DD	2CPN	E-356	
32317					DD	2CP98A	E-356	
32318					FF	2CP98A	E-356	
32331			2CY209AA	CNTRL PWR NNI, IND LTS - RCS VENT	FF	2CP98A	E-353	
32332					DD	2CP98A	E-356-1	
32333					DD	2CPN	E-356-7	
32334					DD	2CKL	E-356-7	
32335					DF	2CKL	E-346, 347	
32336					X	2CKL	E-346-1	
32337					X	46824D	E-346-1	
32018		C5799	1CY107AA	CONT PWR NNI, IND LTS - RCS VENT	Y	46122F	E-346-1	
32019					Y	1CKA	E-346	
32020					Y	46060B	E-343	
32021					Y	46060B*	E-343,344,356-1	
32021A					X	46060B*	E-343,344,356-1	
32021B					DF	46060B*	E-343,344,355	
32021C					A	46060B*	E-343,344,355	
32021D					DD	46060B*	E-343,344,355	
32022					DF	46060B	E-346	
32023					DF	46060A	E-356-6	
32024					DD	46060A	E-346	
32025					DD	1CPM	E-356-6	
32026					DD	1CP99A	E-356	
32027					FF	1CP99A	E-353	
32053			1CY109AA	CNTRL PWR NNI, IND LTS - RCS VENT	FF	1CP99A	E-353	
32053A					DD	1CP99A	E-356-1	
32054					DD	1CPM	E-356-1, 356-6	
32055					DD	46056A	E-356-1, 356-6	
32056					DD	46056B*	E-343,344,356-1	
32056A					A	46056B*	E-343,344,356-1	
32056B					DF	46056B*	E-343,344,355	
32056C					X	46056B*	E-343,344,355	
32056D					Y	46056B*	E-343,344,355	
32057					Y	46122F	E-346-1	
32058					Y	1CKA	E-346-1	
31800		C6708	1CY104A	CNTRL PWR TO CTRL RM EMER SYS PNL C6714	HH	67002D	E-416	
31801					HH	JB6726	E-416	
31802					HH	67002E	E-416	
31803					HH	67002B	E-358	
31803A					HH	67002B*	E-355, 358	
31803B					DH	67002B*	E-355, 358	
31803C					FF	67002B*	E-355, 358	
31803D					DD	67002B*	E-355, 358	
31804					DD	67002B	E-356-1	

RACEWAY LEGEND (A) = 3-HR FIRE WRAP (B) = 1-HR FIRE WRAP (C) = RADIANT ENERGY SHIELD * = EMBEDDED CONDUIT

APPENDIX B-1

CIRCUIT/SUB-COMPONENT LOCATION SUMMARY BY SYSTEM

ID No.	SYSTEM	COMPONENT	CIRCUIT/ SUB-COMP	DESCRIPTION	FIRE AREA	RACEWAY	RACEWAY DRAWING	CHANGE NO/TYP
31805	ESSPWR	C6708	1CY104A	CNTRL PWR TO CTRL RM EMER SYS PNL C6714	DD	67002C	E-356-1	
31806					DD	1CPM	E-356-1, 356-6	
31807					DD	46058A	E-356-1, 356-6	
31808					DD	46058B*	E-343,344,356-1	
31808A					A	46058B*	E-343,344,356-1	
31808B					DF	46058B*	E-343,344,355	
31808C					X	46058B*	E-343,344,355	
31808D					Y	46058B*	E-343,344,355	
31809					Y	46122B	E-346	
31810					Y	1CKA	E-346	
31810A			1CY104B	CNTRL PWR TO CTRL RM EMER SYS PNL C6714	HH	67907A	E-416	
32100		C6709	2CY204A	CTRL PWR TO CTRM EMER SYS PNL C6709	X	46824B	E-346	
32101					X	2CKL	E-346	
32102					DF	2CKL	E-346, 347	
32103					DD	2CKL	E-356-1, 356-7	
32104					DD	67199A	E-356-7	
32105					FF	67199A	E-414	
32106					HH	67199A	E-416	
31810B		C6714	1CY104A	CNTRL PWR TO CTRL RM EMER SYS PNL C6708	HH	67002D	E-416	
31810C					HH	JB6726	E-416	
31810D					HH	67002E	E-416	
31810E					HH	67002B	E-416	
31810F					HH	67002B*	E-355, 358	
31810G					DH	67002B*	E-355, 358	
31810H					FF	67002B*	E-355, 358	
31810I					DD	67002B*	E-355, 358	
31810J					DD	67002B	E-356-1	
31810K					DD	67002C	E-356-1	
31810L					DD	1CPM	E-356-1, 356-6	
31810M					DD	46058A	E-356-1, 356-6	
31810N					DD	46058A*	E-343, 344, 355	
31810O					A	46058A*	E-343, 344, 355	
31810P					DF	46058A*	E-343, 344, 355	
31810Q					X	46058A*	E-343, 344, 355	
31810R					Y	46058A*	E-343, 344, 355	
31810S					Y	46122B*	E-346	
31810T					Y	1CKA*	E-346	
31810U			1CY104B	CNTRL PWR TO CTRL RM EMER SYS PNL C6714	HH	67907A	E-416	
21748			1LV4906B	MS3311 IND. CIRCUIT C6714 TO C6708	HH	67906A	E-416	
32107		C6715	2CY204A	CTRL POWER TO CTRM EMER SYS PNL C6709	X	46824B	E-346	
32107A					X	2CKL	E-346	
32107B					DF	2CKL	E-346, 347	
32107C					DD	2CKL	E-356-1, 356-7	
32107D					DD	67199A	E-414	
32107E					FF	67199A	E-416	
32107F					HH	67199A	E-346	
32107G			2CY204B	CTRL POWER TO CTRM EMER SYS PNL C6715	HH	67920A	E-416	
21836			2LV4907B	MS3321 IND. CIRCUIT C6715 TO C6709	HH	67909A	E-416	
26100		CD	CD	4.16KV TRANSFER SWGR CD	R		E-349-1	
31859		CDE-11B-1	1CY117A	CONTROL POWER TO RC3704 (LR3757)	A	37604A	E-349-2	
31860					U	37604A	E-349-3	
31861					U	1CJL	E-349-3	
31862					V	37604A	E-349-3	
31863					V	1CJL	E-349-3	
31864					CC	1CJL	E-347	
31865					DD	1CJL	E-356-6	
31866					DD	1CPL	E-356-6	
31867					DD	1CDB	E-356-6	
31868					CC	1CDB	E-347	
31869					U	1CDB	E-349-3	
31870					G	1CDB	E-335	
31871					G	27617A	E-335	
31872					A	27617A	E-335	
31873					A	1CEA	E-335	
31874					E	1CEA	E-335	
31875					DUCT	36086B*	E-337, 342	
31876					S	36086B	E-338	
31877					S	JB3607	E-338, 418	
31878					S	36086A	E-338, 418	
31879					S	1CGC	E-338	
31880					S	36356A	E-338	
31881					Y	36356A	E-346	
31882					Y	46122A	E-346	
31883					Y	1CKA	E-346	

RACEWAY LEGEND (A) = 3-HR FIRE WRAP (B) = 1-HR FIRE WRAP (C) = RADIANT ENERGY SHIELD * = EMBEDDED CONDUIT

APPENDIX B-1

CIRCUIT/SUB-COMPONENT LOCATION SUMMARY BY SYSTEM

ID No.	SYSTEM	COMPONENT	CIRCUIT/ SUB-COMP	DESCRIPTION	FIRE AREA	RACEWAY	RACEWAY DRAWING	CHANGE NO/TYP
31884	ESSPWR	CDE-11B-1	1CY117B	CONTROL POWER TO RC3706	V	37479A	E-350	
31885					V	1CJL	E-349-3	
31886					V	37604A	E-349-3	
31887					U	37604A	E-349-3	
31888					A	37604A	E-349-2	
31889			1CY117C	CONTROL POWER TO CDE-11B-1 (CF01B IND)	V	38562B	E-350	
31890					V	37479B	E-350	
31891					V	1CJL	E-350	
31892			1CY117D	CONTROL POWER TO CDE-11B-2 (CF01B IND)	V	38561A	E-350	
31893					V	38562B	E-350	
31894					V	1CJL	E-350	
31894A		CDE-11B-2	CDE-11B-2	CONTROL DISCONNECT SWITCH (DH12)	V		E-350	
26716		CDE-12A-1	1CD1P20A	CTRL PWR TO AFPT 1-1 GOV (CDE-12A-1)	Y	46262A	E-346	
26717					Y	46615A	E-346	
26718					Y	1CKA	E-346	
26719			1CD1P20B	CONTROL POWER TO RC4604	Y	46246A	E-346	
26720					Y	46262A	E-346	
26721					Y	1CKA	E-346	
26722			1CD1P20C	CONTROL POWER TO CDE-12A-2	Y	46525A	E-346	
26723					Y	46262A	E-346	
26724					Y	1CKA	E-346	
32147		CDF-11A-1	2CY214A	CONTROL POWER TO RC3702	A	37802A	E-349-2	
32148					A	37806A	E-349-2	
32149					A	37806A	E-347, 349-2	
32150					A	2CEA	E-347, 349-2	
32151					DD	2CEA	E-356-7	
32152					DD	2CLA	E-356-7	
32153					DD	2CPR	E-356-7	
32154					DD	2CKL	E-356-7	
32155					DF	2CKL	E-346, 347	
32156					X	2CKL	E-346	
32157					X	46824A	E-346	
32158			2CY214B	CONTROL POWER TO RC4605 (P7531X)	X	2CKL	E-346	
32159					DF	2CKL	E-347, 346	
32160					DD	2CKL	E-356-7	
32161					DD	2CPR	E-356-7	
32162					DD	2CLA	E-356-7	
32163					DD	2CEA	E-356-7	
32164					A	2CEA	E-349-2	
32165					A	37806B	E-349-2	
32166					A	37806B	E-349-2	
32167			2CY214C	CONTROL POWER TO CDF-11A-1 (CF01A IND)	DF	47702A	E-347	
32168					DF	2CLA	E-347	
32169					DD	2CLA	E-356-7	
32170					DD	2CEA	E-356-7	
32171					A	2CEA	E-349-2	
32172					A	37806B	E-349-2	
32173					A	37806B	E-349-2	
27244		CDF-12A-1	2CD2P20A	CTRL PWR TO AFPT 1-2 GOV (CDF12A-1)	X	46361A	E-346	
27245					X	46805A	E-346	
27246					X	2CKM	E-346	
27247			2CD2P20B	CONTROL POWER TO CDF11C	A	27704A	E-335	
27248					A	2CEH	E-335	
27249					A	2CEH	E-335	
27250					A	2CEG	E-335	
27251					A	2CED	E-335,349-2,347	
27252					DD	2CED	E-356-7	
27253					DD	2CKN	E-356-7	
27254					DD	2CPR	E-356-7	
27255					DD	2CKM	E-356-7	
27256					DF	2CKM	E-346, 347	
27257					X	2CKM	E-346	
27258					X	46361A	E-346	
27259			2CD2P20C	CONTROL POWER TO RC4605	X	46247A	E-346	
27260					X	46892D	E-346	
27261					X	2CKL	E-346	
27262					X	46361A	E-346	
27263					X	2CKM	E-346	
27264			2CD2P20D	CONTROL POWER TO CDF11D	G	27701B	E-335, 418	
27265					G	JB2729	E-335, 418	
27266					G	27701A	E-335, 418	
27267					G	2CEV	E-335, 418	
27268					U	2CEV	E-349-3	
27269					CC	2CEV	E-347	
27270					DD	2CEV	E-356-7	

RACEWAY LEGEND (A) = 3-HR FIRE WRAP (B) = 1-HR FIRE WRAP (C) = RADIANT ENERGY SHIELD * = EMBEDDED CONDUIT

APPENDIX B-1

CIRCUIT/SUB-COMPONENT LOCATION SUMMARY BY SYSTEM

ID No.	SYSTEM	COMPONENT	CIRCUIT/ SUB-COMP	DESCRIPTION	FIRE AREA	RACEWAY	RACEWAY DRAWING	CHANGE NO/TYP
27271	ESSPWR	CDF-12A-1	2CD2P20D	CONTROL POWER TO CDF11D	DD	2CPN	E-356-7	
27272					DD	2CED	E-356-7	
27273					A	2CED	E-349-2,347,335	
27274					A	2CEG	E-335	
27275					A	2CEH	E-335	
27276					A	2CEH	E-335	
27277					A	27704A	E-335	
26200		D1	2CAACD1C	AACD1 CONTROL CIRCUIT	FF	2CP15C	E-356	
26201					DD	2CP15C	E-356	
26202					DD	2CPN	E-356	
26203					DD	2CPP	E-356	
26204					DD	2CEA	E-356	
26205					A	2CEA	E-335	
26206					A	2CEB	E-335	
26207					A	2CEC	E-332	
26208					F	2CEC	E-332	
26209					DUCT	36192B*	E-337	
26210					Q	JB3620	E-338	
26211					Q	36192A	E-338	
26212					Q	36703A	E-338	
26213					Q	2CGE	E-338	
26214			2CAACD1D	AACD1 CONTROL CIRCUIT	J	36917A	E-338	
26215					J	2CGS	E-338	
26217					J	36170C	E-338	
26218					DUCT	36170B*	E-337	
26219					Q	36170A	E-338	
26220					Q	36703A	E-338	
26221					Q	2CGE	E-338	
26222			2CAACD1L	AACD1 CONTROL CIRCUIT	FF	2CP15C	E-356	
26223					DD	2CP15C	E-356	
26224					DD	2CPN	E-356	
26225					DD	2CPP	E-356	
26226					DD	2CEA	E-356	
26227					A	2CEA	E-335	
26228					A	2CEB	E-335	
26229					A	2CEC	E-332	
26230					F	2CEC	E-332	
26231					DUCT	36192B*	E-337, 342	
26232					Q	JB3620	E-338	
26233					Q	36192A	E-338	
26234					Q	36703A	E-338	
26235					Q	2CGE	E-338	
26236			2CAD101C	AD101 CONTROL CIRCUIT	FF	2CP15C	E-356-8	
26237					DD	2CP15C	E-356-8	
26238					DD	2CPN	E-356-7	
26239					DD	2CPP	E-356-7	
26240					DD	2CEA	E-356-7	
26241					A	2CEA	E-335,349-2,347	
26242					A	2CEB	E-335	
26243					A	2CEC	E-335	
26244					F	2CEC	E-335	
26245					DUCT	36189B*	E-337, 342	
26246					Q	36189B	E-338	
26247					Q	JB3620	E-338, 418	
26248					Q	36189A	E-338, 418	
26249					Q	36701A	E-338	
26250					Q	2CGE	E-338	
26251			2CAD101D	AD101 CONTROL CIRCUIT	FF	2CP56C	E-424	
26252					DD	2CP56C	E-424	
26253					DD	2CPN	E-356-7	
26254					DD	2CPP	E-356-7	
26255					DD	2CEA	E-356-7	
26256					A	2CEA	E-335,349-2,347	
26257					A	2CEB	E-335	
26258					A	2CEC	E-335	
26259					F	2CEC	E-335	
26260					DUCT	36186B*	E-337, 342	
26261					Q	36186B	E-338	
26262					Q	JB3620	E-338, 418	
26263					Q	36186A	E-338, 418	
26264					Q	36701A	E-338	
26265					Q	2CGE	E-338	
26266			2CAD101F	AD101 CONTROL CIRCUIT	J	36917B	E-338	
26267					J	2CGS	E-338	
26268					J	36175C	E-338	
26269					DUCT	36175B*	E-337	
26270					Q	36175A	E-338	
26271					Q	36701A	E-338	

RACEWAY LEGEND (A) = 3-HR FIRE WRAP (B) = 1-HR FIRE WRAP (C) = RADIANT ENERGY SHIELD * = EMBEDDED CONDUIT

APPENDIX B-1

CIRCUIT/SUB-COMPONENT LOCATION SUMMARY BY SYSTEM

ID No.	SYSTEM	COMPONENT	CIRCUIT/ SUB-COMP	DESCRIPTION	FIRE AREA	RACEWAY	RACEWAY DRAWING	CHANGE NO/TYP
26272	ESSPWR	D1	2CAD101F	AD101 CONTROL CIRCUIT	Q	2CGE	E-338	
26273			2CAD101G	AD101 CONTROL CIRCUIT	J	36915A	E-338	
26274					J	2CGS	E-338	
26275					J	36175C	E-338	
26276					DUCT	36175B*	E-337	
26277					Q	36175A	E-338	
26278					Q	36701A	E-338	
26279					Q	2CGE	E-338	
26280			2CAD101H	AD101 CONTROL CIRCUIT	J	36922A	E-338	
26281					J	36917B	E-338	
26282					J	2CGS	E-338	
26283			2CAD1033A	SWGR D1 CONTROL CIRCUIT	FF	2CP15C	E-356-8	
26284					DD	2CP15C	E-356-8	
26285					DD	2CPN	E-356-7	
26286					DD	2CPP	E-356-7	
26287					DD	2CEA	E-356-7	
26288					A	2CEA	E-335	
26289					A	2CEB	E-335	
26290					A	2CEC	E-335	
26291					F	2CEC	E-335	
26292					DUCT	36186B*	E-337	
26293					Q	JB3620	E-338	
26294					Q	36186A	E-338	
26295					Q	36705A	E-338	
26296					Q	2CGE	E-338	
26297			2CAD1033B	SWGR D1 CONTROL CIRCUIT	A	2CEA	E-335	
26298					FF	2CP15C	E-356-8	
26299					DD	2CP15C	E-356-8	
26300					DD	2CPN	E-356-7	
26301					DD	2CPP	E-356-7	
26302					DD	2CEA	E-356-7	
26303					A	2CEB	E-335	
26304					A	2CEC	E-335	
26305					F	2CEC	E-335	
26306					DUCT	36186B*	E-337	
26307					Q	JB3620	E-338	
26308					Q	36186A	E-338	
26309					Q	36705A	E-338	
26310					Q	2CGE	E-338	
26311			2CAD1033C	SWGR D1 CONTROL CIRCUIT	Q	36719A	E-338	
26312					Q	36705A	E-338	
26313					Q	2CGE	E-338	
26314			2CAD103A	27/D1, 27A/D1 CONTROL CIRCUIT	FF	2CP15C	E-356-8	
26315					DD	2CP15C	E-356-8	
26316					DD	2CPN	E-356-7	
26317					DD	2CED	E-356-7	
26318					A	2CED	E-335,349-2,347	
26319					A	27133A	E-335	
26320					A	2CEE	E-335	
26321					F	2CEE	E-335	
26322					DUCT	36179B*	E-337, 342	
26323					Q	36179B	E-338	
26324					Q	JB3620	E-338, 418	
26325					Q	36179A	E-338, 418	
26326					Q	36701C	E-338	
26327					Q	2CGE	E-338	
26328			2CGD203B	27/D1, 27A/D1 CONTROL CIRCUIT	Q	36703A	E-338, 351-2	
26329					Q	36719A	E-338, 351-2	
26330					Q	2CGE	E-338, 351-2	
26331			2CGD203C	27/D1, 27A/D1 CONTROL CIRCUIT	J	36921A	E-338	
26332					J	2CGS	E-338	
26333					J	36170C	E-338	
26334					DUCT	36170B*	E-337	
26335					Q	36170A	E-338	
26336					Q	36705A	E-338, 351-2	
26337					Q	2CGE	E-338, 351-2	
26338			2CGD203D	27/D1, 27A/D1 CONTROL CIRCUIT	J	36921A	E-338	
26339					J	2CGS	E-338	
26340					J	36170C	E-338	
26341					DUCT	36170B*	E-337	
26342					Q	36170A	E-338	
26343					Q	36719A	E-338, 351-2	
26344					Q	2CGE	E-338, 351-2	
26345			2CGD203E	27/D1, 27A/D1 CONTROL CIRCUIT	FF	2CP55D	E-424	
26346					DD	2CP55D	E-424	
26347					DD	2CPN	E-356-7	
26348					DD	2CPP	E-356-7	
26349					DD	2CEA	E-356-7	
26350					A	2CEA	E-335,349-2,347	

RACEWAY LEGEND (A) = 3-HR FIRE WRAP (B) = 1-HR FIRE WRAP (C) = RADIANT ENERGY SHIELD * = EMBEDDED CONDUIT

APPENDIX B-1

CIRCUIT/SUB-COMPONENT LOCATION SUMMARY BY SYSTEM

ID No.	SYSTEM	COMPONENT	CIRCUIT/ SUB-COMP	DESCRIPTION	FIRE AREA	RACEWAY	RACEWAY DRAWING	CHANGE NO/TYP
26351	ESSPWR	D1	2CGD203E	27/D1, 27A/D1 CONTROL CIRCUIT	A	2CEB	E-335	
26352					A	2CEC	E-335	
26353					F	2CEC	E-335	
26354					DUCT	36192B*	E-337, 342	
26355					Q	36192B	E-338	
26356					Q	JB3620	E-338, 418	
26357					Q	36192A	E-338, 418	
26358					Q	2CGE	E-338	
26359					Q	36175A	E-338	
26360					DUCT	36175B*	E-337	
26361					J	36175C	E-338	
26362					J	36921A	E-338	
26363					J	2CGS	E-338	
26364			2CGD203F	27/D1, 27A/D1 CONTROL CIRCUIT	FF	2CP56C	E-424	
26365					DD	2CP56C	E-424	
26366					DD	2CPN	E-356-7	
26367					DD	2CPP	E-356-7	
26368					DD	2CEA	E-356-7	
26369					A	2CEA	E-335,349-2,347	
26370					A	2CEB	E-335	
26371					A	2CEC	E-335	
26372					F	2CEC	E-335	
26373					DUCT	36192B*	E-337, 342	
26374					Q	36192B	E-338	
26375					Q	JB3620	E-338, 418	
26376					Q	36192A	E-338, 418	
26377					Q	2CGE	E-338	
26378					Q	36175A	E-338	
26379					DUCT	36175B*	E-337	
26380					J	36175C	E-338	
26381					J	36921A	E-338	
26382					J	2CGS	E-338	
26383			2CGD203G	27/D1, 27A/D1 CONTROL CIRCUIT	J	36919B	E-338	
26384					J	2CGS	E-338	
26385					J	36176C	E-338	
26386					DUCT	36176B*	E-337	
26387					Q	36176A	E-338	
26388					Q	36701A	E-338	
26389					Q	2CGE	E-338	
26389A			2CGD203H	27/C2, 27A/C2 CONTROL CIRCUIT	Q	JB3620	E-338	
26389B					Q	36187A	E-338	
26389C					Q	2CGE	E-338	
26389D					Q	36450A	E-338	
26389E			2CGD203I	27/C2, 27A/C2 CONTROL CIRCUIT	J	36921B	E-338	
26389F					J	2CGS	E-338	
26389G					J	36175C	E-338	
26389H					DUCT	36175B*	E-338	
26389I					Q	36175A	E-338	
26389J					Q	2CGE	E-338	
26389K					Q	36192A	E-338	
26389L					Q	JB3620	E-338	
26389M			2CGD203J	27/C2, 27A/C2 CONTROL CIRCUIT	J	36917B	E-338	
26389N					J	2CGS	E-338	
26390			2PAD101A	AD101 POWER CIRCUIT	J	36101A	E-338	
26391					J	JB3635	E-338	
26392					DUCT	36101B*	E-337	
26393					Q	36101B	E-337	
26394			2PAD101B	AD101 POWER CIRCUIT	J	36103A	E-338	
26395					J	JB3635	E-338	
26396					DUCT	36103B*	E-337	
26397					Q	36103B	E-337	
27319			2PD2P05A	CONTROL POWER TO SWGR BUS D1 AD113	Q	46828A	E-338	
26405A			4PD2N05A	CONTROL POWER TO SWGR BUS D1 (AD113)	Q	46829A	E-338	
26405B					P	46829A	E-338	
26405C					X	46829A	E-346	
26398			AD101	4.16KV ES SWGR BUS D1 BREAKER (CH. 2)	Q		E-338	
26399			AD103	SWGR D1 CUBICLE	Q		E-338	
26400			C3616	AD101 ELECT CTRL & RLY BD (CH. 2)	J		E-338	
26401			C3618	AD101 EXCIT CTRL & RLY BD (CH. 2)	J		E-338	
26402			C3622	AD101 ENGINE CTRL PANEL (CH. 2)	J		E-338	
26403			C5715	SWGR D1 CONTROL ROOM PANEL	FF		E-353	
26404			C5756C	AD101 CONTROL ROOM PANEL (CH. 2)	FF		E-353	
26405			D1	4.16KV ESSEN SWGR BUS D1 (CH. 2)	Q		E-338	
28404		D1N	1PD132A	DC MCC 1 TO 125V DC DIST PNL D1N	Y	46570A	E-346	
28405					Y	46570A	E-346	
26514			D1N	ESSENTIAL 125VDC DIST PANEL D1N (CH. 3)	Y		E-346	
26600		D1NA	1PD145A	DC MCC 1 TO DC MCC D1NA	Y	46067A	E-346	

RACEWAY LEGEND (A) = 3-HR FIRE WRAP (B) = 1-HR FIRE WRAP (C) = RADIANT ENERGY SHIELD * = EMBEDDED CONDUIT

APPENDIX B-1

CIRCUIT/SUB-COMPONENT LOCATION SUMMARY BY SYSTEM

ID No.	SYSTEM	COMPONENT	CIRCUIT/ SUB-COMP	DESCRIPTION	FIRE AREA	RACEWAY	RACEWAY DRAWING	CHANGE NO/TYP
26601	ESSPWR	D1NA	D1NA	125VDC MCC	Y		E-346	
28400		D1P	1PD101A	DC MCC 1 TO 125VDC TO ES DIST PNL D1P	Y	46551A	E-346	
26816			D1P	ESSENTIAL 125VDC DIST PANEL D1P (CH. 1)	Y		E-346	
26900		D1PA	1PD128A	DC MCC 1 TO DC MCC D1PA	Y	46216A	E-346	
26901			D1PA	125VDC MCC	Y		E-346	
27000		D2	2CAD110C	AD110 CONTROL CIRCUIT	DD	2CPN	E-356-7	
27001					DD	2CPP	E-356-7	
27002					DD	2CEA	E-356-7	
27003					A	2CEA	E-335	
27004					FF	2CP15C	E-356-8	
27005					DD	2CP15C	E-356-8	
27006					A	2CEB	E-335	
27007					A	2CEC	E-335	
27008					F	2CEC	E-335	
27009					DUCT	36186B*	E-337, 342	
27010					Q	JB3620	E-338	
27011					Q	36186A	E-338	
27012					Q	36719A	E-338	
27013					Q	2CGE	E-338	
27014			2CAD110D	AD110 CONTROL CIRCUIT	J	36917A	E-338	
27015					J	2CGS	E-338	
27016					J	36170C	E-338	
27017					DUCT	36170B*	E-337	
27018					Q	36170A	E-338	
27019					Q	36719A	E-338	
27020					Q	2CGE	E-338	
27052N			AACD1	BUS D1 BREAKER FROM XFMR XAC	Q		E-338	
27052J			ABDD2	BUS D2 BREAKER FROM XFMR XBD	Q		E-338	
27052Q			AD103	BUS D1 CUBICLE 3	Q		E-338	
27021			AD110	4.16KV SWGR D1 CIRCUIT BREAKER	Q		E-338	
27052R					Q		E-338	
27022			AD203	SWGR D2 CUBICLE	Q		E-338	
27050D			BCABDD2A	CNTRL CIRCUIT TO E32B/7 HAAC (BACKFEED)	Q	36737A	E-338, 351-2	
27050E					Q	BCGL	E-338	
27050F					Q	BCGD	E-338	
27050G					Q	36451A	E-338	
27050H					S	36451A	E-338	
27050I			BCABDD2B	CNTRL CIRCUIT TO E32B/7 HAAD (BACKFEED)	Q	36737A	E-338, 351-2	
27050J					Q	BCGL	E-338	
27050K					Q	BCGD	E-338	
27050L					Q	BCGN	E-338	
27050M					Q	36775A	E-338	
27050N			BCABDD2C	CNTRL CIRC TO C57157 (BACKFEED) E32B/7	Q	36738A	E-338, 351-2	
27050P					Q	BCGK	E-338, 351-2	
27050Q					P	BCGK	E-338, 351-2	
27050R					A	BCGK	E-338, 349-2	
27050S					A	BCGK	E-349-2, 347-1	
27050T					DD	BCGK	E-356-4	
27050U					DD	BCGL	E-356-4	
27050V					DD	BCPD	E-356-4	
27050W					DD	BCPC	E-356-4	
27050X					DD	BCP15D	E-356-8	
27050Y					FF	BCP15D	E-356-8	
27050Z			BCABDD2D	CNTRL CIRC TO C3616 (BACKFEED) E32B/7	Q	36702A	E-338, 351-2	
27051A					Q	BCGD	E-338, 351-2	
27051B					Q	BCGN	E-338	
27051C					Q	36171A	E-338	
27051D					DUCT	36171B*	E-337	
27051E					J	36171C	E-338	
27051F					J	BCGT	E-338	
27051G					J	36916A	E-338	
27051H			BCABDD2E	CNTRL CIRC TO AACD1A (BACKFEED) E32B/7	Q	36737A	E-338, 351-2	
27051I					Q	BCGL	E-338, 351-2	
27051J					Q	BCGD	E-338, 351-2	
27051K					Q	36702A	E-338, 351-2	
27051L			BCABDD2F	CNTRL CIRC TO AD103 (BACKFEED) E32B/7	Q	36737A	E-338, 351-2	
27051M					Q	BCGL	E-338	
27051N					Q	BCGD	E-338	
27051P					Q	36704A	E-338, 351-2	
27051Q			BCABDD2G	CNTRL CIRC TO AD110 (BACKFEED) E32B/7	Q	36737A	E-338, 351-2	
27051R					Q	BCGL	E-338	
27051S					Q	BCGD	E-338	
27051T					Q	36718A	E-338, 351-2	
27051U			BCABDD2H	CNTRL CIRC TO C5715 (BACKFEED) E32B/7	Q	36702A	E-338, 351-2	
27051V					Q	BCGD	E-338	
27051W					Q	BCGL	E-338	

RACEWAY LEGEND (A) = 3-HR FIRE WRAP (B) = 1-HR FIRE WRAP (C) = RADIANT ENERGY SHIELD * = EMBEDDED CONDUIT

APPENDIX B-1

CIRCUIT/SUB-COMPONENT LOCATION SUMMARY BY SYSTEM

ID No.	SYSTEM	COMPONENT	CIRCUIT/ SUB-COMP	DESCRIPTION	FIRE AREA	RACEWAY	RACEWAY DRAWING	CHANGE NO/TYP
27051X	ESSPWR	D2	BCABDD2H	CNTRL CIRC TO C5715 (BACKFEED) E32B/7	P	BCGL	E-338	
27051Y					A	BCGL	E-338, 349-2	
27051Z					A	BCGL	E-349-2, 347	
27052A					DD	BCGL	E-356-4	
27052B					DD	BCPD	E-356-4	
27052C					DD	BCPC	E-356-4	
27052D					DD	BCP15D	E-356-8	
27052E					FF	BCP15D	E-353, 356-8	
27052F			BCABDD2I	CNTRL CIRC TO AD110 (BACKFEED) E32B/7	Q	36737A	E-338, 351-2	
27052G					Q	BCGL	E-338, 351-2	
27052H					Q	BCGD	E-338, 351-2	
27052I					Q	36718A	E-338, 351-2	
27053A			BCAD2031A	BKR AMMETER AND TRIP AD110	Q	36731A	E-356-2	A
27053B					Q	BCGL	E-338	A
27053C					DF	BCGL	E-338, 349-2	A
27053D					A	BCGL	E-347-1	A
27053E					DD	BCGL	E-356-1	A
27053F					DD	BCPD	E-356-1	A
27053G					DD	BCPC	E-356-4	A
27053H					DD	BCP15D	E-356-8	A
27053I					FF	BCP15D	E-356-8	A
27023			BCAD2032A	SWGR D2 CONTROL CIRCUIT	FF	BCP15D	E-356-8	
27024					DD	BCP15D	E-356-8	
27025					DD	BCPC	E-356-4	
27026					DD	BCPD	E-356-4	
27027					DD	BCGL	E-356-4	
27028					A	BCGL	E-349-2	
27029					A	BCGL	E-349-2	
27030					P	BCGL	E-338	
27031					Q	BCGL	E-338	
27032					Q	36731A	E-338	
27033			BCAD2032B	SWGR D2 CONTROL CIRCUIT	Q	36480A	E-338	
27034					Q	BCGD	E-338	
27035					Q	36731A	E-338	
27036					Q	BCGL	E-338	
27037			BCAD2032C	SWGR D2 CONTROL CIRCUIT	J	36916A	E-338	
27038					J	36102C	E-338	
27039					J	BCGT	E-338	
27040					DUCT	36102B*	E-337	
27041					Q	36102	E-338	
27042					Q	BCGD	E-338	
27043					Q	36731A	E-338	
27044					Q	BCGL	E-338	
27052S			BCAD2033B	BKR AMMETER AND TRIP AD110	Q	36718A	E-351-2	A
27052T					Q	BCGD	E-351-2	A
27052U					Q	BCGD	E-338	A
27052V					Q	BCGL	E-338	A
27052W					Q	36731A	E-351-2	A
27044A			BPDBN07A	125V DC CONTROL POWER TO SWGR D2	X	46841A	E-346	
27044B					Q	46841A	E-338	
27044C					X	46840A	E-346	
27044D					Q	46840A	E-338	
27044E					Q	46840C	E-338	
27045			C3611	SWGR D2 CONTROL CABINET	Q		E-338	
27046			C3616	EDG2 ELECTRIC CONTROL & RELAY PANEL	J		E-338	
27052P					J		E-338	
27047			C5715	CNTRL RM STATION ELEC DISTRIBUTION PANEL	FF		E-353	
27052M					FF		E-353	
27050A			CABLEBUS	BACKFEED C1 CABLE TO ABDD2 (C1)	Q	CABL BUS	E-410	
27050B					OS	CABL BUS	E-410	
27050C					S	CABL BUS	E-410	
27048			D2	4.16KV ESSEN SWGR BUS D2 (CH. 2)	Q		E-338	
27052K			HAAC	BUS A BREAKER FOR XFMR XAC	S		E-338	
27052L			HBBD	BUS A BREAKER TO XFMR XBD	Q		E-338	
28504		D2N	2PD233A	DC MCC 2 TO 125VDC DIST PNL D2N	X	46770A	E-346	
28505					X	46770A	E-346	
27200		D2P	2CD2P10A	CONTROL POWER TO FW6460	X	46805A	E-346	
28500			2PD202A	DC MCC 2 TO 125VDC DIST PNL D2P	X	46751A	E-346	
27320			2PD2P05A	CONTROL POWER TO SWGR BUS D1 AD113	X	46828A	E-346	
27345			D2P	ESSENTIAL 125VDC DIST PANEL D2P (CH. 2)	X		E-346	
27401A		DAN	APD1N04A	125V DC CONTROL POWER TO DAN	Y	46619A	E-346	
27402			DAN	125VDC DIST PANEL DAN	Y		E-346	
26815		DAP	APD1P04A	125VDC CONTROL POWER TO DAP	Y	46618A	E-346	
27502			DAP	125VDC DIST PANEL DAP	Y		E-346	
27600		DBC1N	1PBE1235A	ES MCC E12A TO BATTERY CHARGER DBC1N	Y	46531A	E-346	

RACEWAY LEGEND (A) = 3-HR FIRE WRAP (B) = 1-HR FIRE WRAP (C) = RADIANT ENERGY SHIELD * = EMBEDDED CONDUIT

APPENDIX B-1

CIRCUIT/SUB-COMPONENT LOCATION SUMMARY BY SYSTEM

ID No.	SYSTEM	COMPONENT	CIRCUIT/ SUB-COMP	DESCRIPTION	FIRE AREA	RACEWAY	RACEWAY DRAWING	CHANGE NO/TYP
27601	ESSPWR	DBC1N	BE1235	DBC1N CIRCUIT BREAKER (CH. 1)	Y		E-346	
27602			DBC1N	BATTERY CHARGER DBC1N (CH. 1)	Y		E-346	
27700		DBC1P	1PBE1233A	ES MCC E12A TO BATTERY CHARGER DBC1P	Y	46528A	E-346	
27701			DBC1P	BATTERY CHARGER DBC1P (CH. 1)	Y		E-346	
27800		DBC1PN	1PBE1190A	ES MCC E11D TO BATTERY CHARGER DBC1PN	Y	36078A	E-346	
27801					S	36078A	E-338	
27802					R	36078A	E-338	
27803					P	36078A	E-338	
27804					A	36078A	E-349-2	
27805					U	36078A	E-349-3	
27806					G	36078A	E-335	
27807			BE1190	DBC1PN CIRCUIT BREAKER (CH. 1)	G		E-335	
27808			DBC1PN	BATTERY CHARGER DBC1PN (CH. 1)	Y		E-346	
27900		DBC2N	2PBF1212A	ES MCC F12A TO BATTERY CHARGER DBC2N	X	46730A	E-346	
27901			BF1212	DBC2N CIRCUIT BREAKER (CH. 2)	X		E-346	
27902			DBC2N	BATTERY CHARGER DBC2N (CH. 2)	X		E-346	
28000		DBC2P	2PBF1209A	ES MCC F12A TO BATTERY CHARGER DBC2P	X	46731A	E-346	
28001			DBC2P	BATTERY CHARGER DBC2P (CH. 2)	X		E-346	
28100		DBC2PN	2PBF1187A	ES MCC F11D TO BATTERY CHARGER DBC2PN	X	36206A	E-346	
28101					Q	36206A	E-338	
28102					R	36206A	E-338	
28103					P	36206A	E-338	
28104					A	36206A	E-349-2	
28105					U	36206A	E-349-3	
28106					G	36206A	E-335	
28107			BF1187	DBC2PN CIRCUIT BREAKER (CH. 2)	G		E-335	
28201A		DBN	BPD2N04A	125V DC CONTROL POWER TO DBN	X	46819A	E-346	
28322A		DBP	BPD2P04A	CONTROL POWER TO DBP	X	46818A	E-346	
28401		DC MCC 1	1PD103A	BATTERY CHARGER DBC1P TO DC MCC 1	Y	46550A	E-346	
28402			1PD105A	BATTERY CHARGER DBC1PN TO DC MCC 1	Y	46555A	E-346	
28403			1PD121A	BATTERY CHARGER DBC1PN TO DC MCC 1	Y	46565A	E-346	
28406			1PD134A	BATTERY CHARGER DBC1N TO DC MCC 1	Y	46569A	E-346	
28408			DC MCC 1	250/125VDC ESSEN MCC 1 (CH. 1)	Y		E-346	
28501		DC MCC 2	2PD203A	BATTERY CHARGER DBC2P TO DC MCC 2	X	46750A	E-346	
28502			2PD205A	BATTERY CHARGER DBC2PN TO DC MCC 2	X	46755A	E-346	
28503			2PD221A	BATTERY CHARGER DBC2PN TO DC MCC 2	X	46765A	E-346	
28506			2PD234A	BATTERY CHARGER DBC2N TO DC MCC 2	X	46769A	E-346	
28508			DC MCC 2	250/125VDC ESSEN MCC 2 (CH. 2)	X		E-346	
28600		E1	1CAC11CED	AC1CE11 CONTROL CIRCUIT	FF	1CP15A	E-356-8	
28601					DD	1CP15A	E-356-8	
28602					DD	1CPL	E-356-1, 356-6	
28603					DD	27111C	E-356-1, 356-6	
28604					DD	27111B*	E-339, 344, 356	
28604A					II	27111B*	E-339, 344, 356	
28604B					CC	27111B*	E-339, 344, 356	
28605					II	27111A*	E-333, 339	
28605A					UU	27111A*	E-333, 339	
28605B					A	27111A*	E-333, 339	
28606					A	27111	E-335	
28607					A	1CEA	E-335	
28608					E	1CEA	E-335	
28609					DUCT	36080B*	E-337, 342	
28610					S	36080B	E-338	
28611					S	JB3607	E-338, 418	
28612					S	36080A	E-338, 418	
28613					S	1CGC	E-338, 418	
28614					S	36507A	E-338	
28615					S	1CGZ	E-338	
28616			1CAC11CEE	AC1CE11 CONTROL CIRCUIT	Y	46630A	E-346	5 D
28618					Y	36356A	E-346	5 D
28619					S	36356A	E-338	5 D
28620					S	1CGC	E-338	5 D
28621					S	36507A	E-338	5 D
28622					S	1CGZ	E-338	5 D
28623			1CAC11CEF	AC1CE11 CONTROL CIRCUIT	FF	1CP15A	E-356-8	
28624					DD	1CP15A	E-356-8	
28625					DD	1CPL	E-356-1, 356-6	
28626					DD	27111C	E-356-1, 356-6	
28627					DD	27111B*	E-339,344,356	

RACEWAY LEGEND (A) = 3-HR FIRE WRAP (B) = 1-HR FIRE WRAP (C) = RADIANT ENERGY SHIELD * = EMBEDDED CONDUIT

APPENDIX B-1

CIRCUIT/SUB-COMPONENT LOCATION SUMMARY BY SYSTEM

ID No.	SYSTEM	COMPONENT	CIRCUIT/ SUB-COMP	DESCRIPTION	FIRE AREA	RACEWAY	RACEWAY DRAWING	CHANGE NO/TYP
28627A	ESSPWR	E1	1CAC11CEF	AC1CE11 CONTROL CIRCUIT	II	27111B*	E-339, 344, 356	
28627B					CC	27111B*	E-339, 344, 356	
28628					II	27111A*	E-333, 339	
28628A					UU	27111A*	E-339, 333	
28628B					A	27111A*	E-339, 333	
28629					A	27111	E-335	
28630					A	1CEA	E-335	
28631					E	1CEA	E-335	
28632					DUCT	36080B*	E-337, 342	
28633					S	36080B	E-338	
28634					S	JB3607	E-338, 418	
28635					S	36080A	E-338, 418	
28636					S	1CGC	E-338, 418	
28637					S	36507A	E-338	
28638					S	1CGZ	E-338	
28640			1CAC12CED	AC1CE12 CONTROL CIRCUIT	FF	1CP15A	E-356-8	
28641					DD	1CP15A	E-356-8	
28642					DD	1CPL	E-356-1, 356-6	
28643					DD	27111C	E-356-1, 356-6	
28644					DD	27111B*	E-339,344,356	
28644A					II	27111B*	E-339, 344, 356	
28644B					CC	27111B*	E-339, 344, 356	
28644C					II	27111A*	E-333, 339	
28644D					UU	27111A*	E-333, 339	
28644E					A	27111A*	E-333, 339	
28645					A	27111	E-335	
28646					A	1CEA	E-335	
28647					E	1CEA	E-335	
28648					DUCT	36080B*	E-337, 342	
28649					S	36080B	E-338	
28650					S	JB3607	E-338, 418	
28651					S	36080A	E-338, 418	
28652					S	1CGC	E-338, 418	
28653					S	36511A	E-338	
28654					S	1CGZ	E-338	
28655			1CAC12CEE	AC1CE12 CONTROL CIRCUIT	Y	46625A	E-346	5 D
28656					Y	1CKD	E-346	5 D
28657					Y	36356A	E-346	5 D
28658					Y	1CKA	E-346	5 D
28659					S	1CGC	E-338	5 D
28660					S	36356A	E-338	5 D
28661					S	36511A	E-338	5 D
28662					S	1CGZ	E-338	5 D
28663			1CAC12CEF	AC1CE12 CONTROL CIRCUIT	FF	1CP15A	E-356-8	
28664					DD	1CP15A	E-356-8	
28665					DD	1CPL	E-356-1, 356-6	
28666					DD	27111C	E-356-1, 356-6	
28667					DD	27111B*	E-339,344,356	
28667A					II	27111B*	E-339, 344, 356	
28667B					CC	27111B*	E-339, 344, 356	
28668					II	27111A*	E-333, 339	
28668A					UU	27111A*	E-333, 339	
28668B					A	27111A*	E-333, 339	
28669					A	27111	E-335	
28670					A	1CEA	E-335	
28671					E	1CEA	E-335	
28672					DUCT	36080B*	E-337, 342	
28673					S	36090B	E-338	
28674					S	JB3607	E-338, 418	
28675					S	36080A	E-338, 418	
28676					S	1CGC	E-338, 418	
28677					S	36511A	E-338	
28678					S	1CGZ	E-338	
28679			1CBCE11A	BCE11 CONTROL CIRCUIT	Y	46630A	E-346	
28680					Y	1CKA	E-346	
28681					Y	36356A	E-346	
28682					S	36356A	E-338	
28683					S	1CGC	E-338	
28684					S	36507A	E-338	
28685					S	1CGZ	E-338	
28686			1CBCE11B	BCE11 CONTROL CIRCUIT	FF	1CP15A	E-356-8	
28687					DD	1CP15A	E-356-8	
28688					DD	1CPL	E-356-6	
28689					DD	1CPR	E-356-6	
28690					DD	1CPM	E-356-6, 356-1	
28691					DD	46056A	E-356-6, 356-1	
28692					DD	46056B*	E-343,344,356-1	
28692A					A	46056B*	E-343,344,356-1	
28692B					DF	46056B*	E-343,344,355	

RACEWAY LEGEND (A) = 3-HR FIRE WRAP (B) = 1-HR FIRE WRAP (C) = RADIANT ENERGY SHIELD * = EMBEDDED CONDUIT

APPENDIX B-1

CIRCUIT/SUB-COMPONENT LOCATION SUMMARY BY SYSTEM

ID No.	SYSTEM	COMPONENT	CIRCUIT/ SUB-COMP	DESCRIPTION	FIRE AREA	RACEWAY	RACEWAY DRAWING	CHANGE NO/TYP
28692C	ESSPWR	E1	1CBCE11B	BCE11 CONTROL CIRCUIT	X	46056B*	E-343,344,355	
28692D					Y	46056B*	E-343,344,355	
28693					Y	46630A	E-346	
28694					Y	1CKA	E-346	
28695			1CBCE12A	BCE12 CONTROL CIRCUIT	Y	46625A	E-346	
28696					Y	1CKD	E-346	
28697					Y	1CKA	E-346	
28698					Y	36356A	E-346	
28699					S	36356A	E-338	
28700					S	1CGC	E-338	
28701					S	36511A	E-338	
28702					S	1CGZ	E-338	
28703			1CBCE12B	BCE12 CONTROL CIRCUIT	FF	1CP15A	E-356-8	
28704					DD	1CP15A	E-356-8	
28705					DD	1CPL	E-356-6, 356-1	
28706					DD	46055A	E-356-6, 356-1	
28707					DD	46055B*	E-343,344,355	
28707A					A	46055B*	E-343,344,355	
28707B					DF	46055B*	E-343,344,355	
28707C					X	46055B*	E-343,344,355	
28707D					Y	46055B*	E-343,344,355	
28708					Y	46625A	E-346	
28709					Y	1CKD	E-346	
28710			1PAC11CEA	AC1CE11 POWER CIRCUIT	Y	36309A	E-346	
28711					S	36309A	E-338	
28712			1PAC12CEA	AC1CE12 POWER CIRCUIT	Y	36304A	E-346	
28713					S	36304A	E-338	
26503A			1PD1P07A	CONTROL POWER TO UNIT SUB BUS E1	Y	46647A	E-346	
26503			3PD1N07A	CONTROL POWER TO UNIT SUB BUS E1	Y	46652A	E-346	
26504					Y	46652A	E-346	
28714			AC1CE11	4.16KV SWGR C1 FDR BKR TO USS E1 (CH. 1)	S		E-338	
28715			AC1CE12	4.16KV SWGR C1 FDR BKR TO USS E1 (CH. 1)	S		E-338	
28716			BCE11	480V ES SWGR BUS E1 BREAKER (CH. 1)	Y		E-346	
28717			BCE12	480V ES SWGR BUS E1 BREAKER (CH. 1)	Y		E-346	
28718			C5715	USS E1 CONTROL ROOM PANEL (CH. 1)	FF		E-353	
28719			E1	480VAC ESSEN UNIT SUB E1 (CH. 1)	Y		E-346	
28800		E11A	1PBE107A	BE107 POWER CIRCUIT	G	46158B	E-334	
28801					G	46158B*	E-333, 334, 337	
28801A					AB	46158B*	E-337,333,342	
28801B					AB	46158B*	E-337,333,342	
28801C					G	46158B*	E-337,333,342	
28801D					AB	46158B*	E-337,333,342	
28801E					A	46158B*	E-337,333,342	
28801F					A	46158B*	E-337,333,342	
28801G					DUCT	46158B*	E-337,333,342	
28802					S	46158A	E-338	
28803					Y	46158A	E-346	
28804			1PBE107B	BE107 POWER CIRCUIT	G	46008B	E-334	
28805					G	46008B*	E-337, 333, 334	
28805A					AB	46008B*	E-333,337,334	
28805B					AB	46008B*	E-333,337,334	
28805C					A	46008B*	E-333,337,334	
28805D					A	46008B*	E-333,337,334	
28805E					DUCT	46008B*	E-333,337,334	
28806					Q	46008C (A)	E-338	
28807					S	46008C	E-338	
28808					Y	46008C	E-346	
28809			BE107	MCC E11A FEEDER CIRCUIT BREAKER (CH. 1)	Y		E-346	
28810			E11A	480VAC ESSEN MCC E11A (CH. 1)	G		E-336	
28900		E11B	1PBE1120A	BE1120 POWER CIRCUIT	V	28306A	E-350	
28901					G	28306A	E-336	
28902			BE1120	MCC E11B FEEDER CIRCUIT BREAKER (CH. 1)	G		E-336	
28903			E11B	480VAC ESSEN MCC E11B (CH. 1)	V		E-350	
29000		E11C	1PBE1101A	BE1101 POWER CIRCUIT	V	28307A	E-350	
29001					G	28307A	E-336	
29002			BE1101	MCC E11C FEEDER CIRCUIT BREAKER (CH. 1)	G		E-336	
29003			E11C	480VAC ESSEN MCC E11C (CH. 1)	V		E-350	
29100		E11D	1PBE1132A	BE1132 POWER CIRCUIT	G	27028C	E-335	
29101					G	27028B*	E-333	
29101A					AB	46053B*	E-333	
29101B					AB	46053B*	E-333	
29101C					AB	46053B*	E-334	
29101D					G	46053B*	E-334	
29102					G	28303A	E-336	
29103			BE1132	MCC E11D FEEDER CIRCUIT BREAKER (CH. 1)	G		E-336	

RACEWAY LEGEND (A) = 3-HR FIRE WRAP (B) = 1-HR FIRE WRAP (C) = RADIANT ENERGY SHIELD * = EMBEDDED CONDUIT

APPENDIX B-1

CIRCUIT/SUB-COMPONENT LOCATION SUMMARY BY SYSTEM

ID No.	SYSTEM	COMPONENT	CIRCUIT/ SUB-COMP	DESCRIPTION	FIRE AREA	RACEWAY	RACEWAY DRAWING	CHANGE NO/TYP
29104	ESSPWR	E11D	E11D	480VAC ESSEN MCC E11D (CH. 1)	G		E-335	
29200		E11E	1PBE1150A	BE1150 POWER CIRCUIT	DG	38156A	E-348	
29201					AB	38156A	E-348	
29202					AB	38156A	E-350, 351-5	
29203					V	38156A	E-350	
29204					V	JB3805	E-350	
29205					V	1CJS	E-350	
29206			E11E	480VAC ESSEN MCC E11E (CH. 1)	DG		E-348	
29300		E12A	1PBE106A	BE106 POWER CIRCUIT	Y	46503A	E-346	
29301			1PBE106B	BE106 POWER CIRCUIT	Y	46504A	E-346	
29302			1PBE106C	BE106 POWER CIRCUIT	Y	46505A	E-346	
29303			BE106	MCC E12A FEEDER CIRCUIT BREAKER (CH. 1)	Y		E-346	
29304			E12A	480VAC ESSEN MCC E12A (CH. 1)	Y		E-346	
29400		E12B	1PBE109A	BE109 POWER CIRCUIT	Y	36071A	E-346	
29400A					S	36071A	E-338	
29401			1PBE109B	BE109 POWER CIRCUIT	S	36071B	E-338	
29402					DUCT	36071B*	E-337, 341	
29403					K	36071C	E-338	
29404			BE109	MCC E12B FEEDER CIRCUIT BREAKER (CH. 1)	Y		E-346	
29405			E12B	480VAC ESSEN MCC E12B (CH. 1)	K		E-338	
29500		E12C	1PBE1202A	BE1202 POWER CIRCUIT	BE	36058F	E-360, 361	
29501					BG	36058E (A)	E-360, 361	
29502					DUCT	36058D*	E-304, 360	
29503					MA	1PAM	E-304	
29504					DUCT	36058C*	E-304, 360	
29505					DUCT	36058B*	E-305, 307, 337	
29506					S	36058A	E-338	
29507					Y	36058A	E-346	
29508			BE1202	MCC E12C FEEDER CIRCUIT BREAKER (CH. 1)	Y		E-346	
29509			E12C	480VAC ESSEN MCC E12C (CH. 1)	BE		E-361	
29520		E12D	1PBE1210A	480V AC MCC	BE	30493A	E-361	
29600		E12E	1PBE1234A	BE1234 POWER CIRCUIT	AB	18219A	E-332, 412	
29601					G	18219A	E-335	
29602					U	18219A	E-349-3	
29603					A	18219A (B)	E-349-2	
29604					A	46087A*	E-343	
29604A					A	46087A (B)	E-349-2	A
29604A					DF	46087A*	E-343	
29604B					P	46087A*	E-343	
29604C					R	46087A*	E-343	
29604D					Q	46087A*	E-343	
29604E					X	46087A*	E-343	
29604F					S	46087A*	E-343	
29604G					Y	46087A*	E-343	
29605					Y	46087A	E-346	
29606			1PBE1234B	BE1234 POWER CIRCUIT	B	18210A	E-412	
29607					AB	18210A	E-412	
29608			BE1234	MCC E12E FEEDER CIRCUIT BREAKER (CH. 1)	Y		E-346	
29609			E12E	480VAC ESSEN MCC E12E (CH. 1)	B		E-412	
29610			JT1807	BE1234 TERMINAL BOX (CH. 1)	AB		E-412	
29700		E12F	1PBE1273A	BE1273 POWER CIRCUIT	K	36243A	E-338	
29701			BE1273	MCC E12F FEEDER CIRCUIT BREAKER (CH. 1)	K		E-338	
29702			E12F	480VAC ESSEN MCC E12F (CH. 1)	K		E-338	
29800		E14	1PBE110A	BE110 POWER CIRCUIT	Y	46502A	E-346	
29801			BE110	MCC E14 FEEDER CIRCUIT BREAKER (CH. 1)	Y		E-346	
29802			E14	480VAC ESSEN MCC E14 (CH. 1)	Y		E-346	
29900		E15	1CBE105B	BE105 CONTROL CIRCUIT	Y	46521A	E-346	
29901					Y	46521A	E-346	
29902					Y	1CKA	E-346	
29903					Y	1CKD	E-346	
29904					Y	46629A	E-346	
29905			1PBE105A	BE105 POWER CIRCUIT	Y	46518A	E-346	
29906			BE105	MCC E15 FEEDER CIRCUIT BREAKER (CH. 1)	Y		E-346	
29907			E15	480VAC ESSEN MCC E15 (CH. 1)	Y		E-346	
30000		E16A	1PBE118A	BE118 CIRCUIT BREAKER (CH 1)	EE	46940A	E-413	
30001					II	46940A	E-413	
30002					Y	46940A	E-346-1	
30201					Y	46940A	E-346	4 A
30202					EE	46940A	E-413	4 A

RACEWAY LEGEND (A) = 3-HR FIRE WRAP (B) = 1-HR FIRE WRAP (C) = RADIANT ENERGY SHIELD * = EMBEDDED CONDUIT

APPENDIX B-1

CIRCUIT/SUB-COMPONENT LOCATION SUMMARY BY SYSTEM

ID No.	SYSTEM	COMPONENT	CIRCUIT/ SUB-COMP	DESCRIPTION	FIRE AREA	RACEWAY	RACEWAY DRAWING	CHANGE NO/TYP
30202A	ESSPWR	E16A	1PBE118A	BE118 CIRCUIT BREAKER (CH 1)	II	46940A	E-413	4 A
30203					EE	46940A	E-413	4 A
30003			BE118	MCC E16A FEEDER CIRCUIT BREAKER (CH. 1)	Y		E-346	
30004			E16A	480VAC ESSEN MCC E16A (CH. 1)	EE		E-413	
30100		E16B	1PBE1609A	BE1609 POWER CIRCUIT	DG	46940B	E-348	
30101					EE	46940B	E-417	
30102			BE1609	MCC E16B FEEDER CIRCUIT BREAKER (CH. 1)	EE		E-413	
30103			E16B	480VAC ESSEN MCC E16B (CH. 1)	DG		E-348	
30300		F1	2CAD11DFD	AD1DF11 CONTROL CIRCUIT	FF	2CP15C	E-356-8	
30301					DD	2CP15C	E-356-8	
30302					DD	2CPN	E-356-7	
30303					DD	2CPP	E-356-7	
30304					DD	2CEA	E-356-7	
30305					A	2CEA	E-335,349-2,347	
30306					A	2CEB	E-335	
30307					A	2CEC	E-335	
30308					F	2CEC	E-335	
30309					DUCT	36186B*	E-337, 342	
30310					Q	36186B	E-338	
30311					Q	JB3620	E-338, 418	
30312					Q	36186A	E-338, 418	
30313					Q	36711A	E-338	
30314					Q	2CGE	E-338	
30315			2CAD11DFE	AD1DF11 CONTROL CIRCUIT	X	46714A	E-338	5 D
30316					X	2CKL	E-346	5 D
30317					X	36728A	E-346	5 D
30318					Q	36728A	E-338	5 D
30319					Q	36711A	E-338	5 D
30320					Q	2CGE	E-338	5 D
30321			2CAD11DFF	AD1DF11 CONTROL CIRCUIT	FF	2CP15C	E-356-8	
30322					DD	2CP15C	E-356-8	
30323					DD	2CPN	E-356-7	
30324					DD	2CPP	E-356-7	
30325					DD	2CEA	E-356-7	
30326					A	2CEA	E-335,349-2,347	
30327					A	2CEB	E-335	
30328					A	2CEC	E-335	
30329					F	2CEC	E-335	
30330					DUCT	36186B*	E-337, 342	
30331					Q	36186B	E-338	
30332					Q	JB3620	E-338, 418	
30333					Q	36186A	E-338, 418	
30334					Q	36711A	E-338	
30335					Q	2CGE	E-338	
30336			2CAD12DFD	AD1DF12 CONTROL CIRCUIT	FF	2CP15C	E-356-8	
30337					DD	2CP15C	E-356-8	
30338					DD	2CPN	E-356-7	
30339					DD	2CPP	E-356-7	
30340					DD	2CEA	E-356-7	
30341					A	2CEA	E-335,349-2,347	
30342					A	2CEB	E-335	
30343					A	2CEC	E-335	
30344					F	2CEC	E-335	
30345					DUCT	36189B*	E-337, 342	
30346					Q	36189B	E-338	
30347					Q	JB3620	E-338, 418	
30348					Q	36189A	E-338, 418	
30349					Q	36707A	E-338	
30350					Q	2CGE	E-338	
30351			2CAD12DFE	AD1DF12 CONTROL CIRCUIT	X	46718A	E-338	5 D
30352					X	2CKL	E-338	5 D
30353					X	36728A	E-338	5 D
30354					Q	36728A	E-338	5 D
30355					Q	36707A	E-338	5 D
30356					Q	2CGE	E-338	5 D
30357			2CAD12DFF	AD1DF12 CONTROL CIRCUIT	FF	2CP15C	E-356-8	
30358					DD	2CP15C	E-356-8	
30359					DD	2CPN	E-356-7	
30360					DD	2CPP	E-356-7	
30361					DD	2CEA	E-356-7	
30362					A	2CEA	E-335,349-2,347	
30363					A	2CEB	E-335	
30364					A	2CEC	E-335	
30365					F	2CEC	E-335	
30366					DUCT	36189B*	E-337, 342	
30367					Q	36189B	E-338	
30368					Q	JB3620	E-338, 418	

RACEWAY LEGEND (A) = 3-HR FIRE WRAP (B) = 1-HR FIRE WRAP (C) = RADIANT ENERGY SHIELD * = EMBEDDED CONDUIT

APPENDIX B-1

CIRCUIT/SUB-COMPONENT LOCATION SUMMARY BY SYSTEM

ID No.	SYSTEM	COMPONENT	CIRCUIT/ SUB-COMP	DESCRIPTION	FIRE AREA	RACEWAY	RACEWAY DRAWING	CHANGE NO/TYP
30369	ESSPWR	F1	2CAD12DFF	AD1DF12 CONTROL CIRCUIT	Q	36189A	E-338, 418	
30370					Q	36707A	E-338	
30371					Q	2CGE	E-338	
30372			2CBDF11A	BDF11 CONTROL CIRCUIT	X	46714A	E-346	
30373					X	2CKL	E-346	
30374					X	36728A	E-346	
30375					Q	36728A	E-338	
30376					Q	36711A	E-338	
30377					Q	2CGE	E-338	
30378			2CBDF11B	BDF11 CONTROL CIRCUIT	FF	2CP15C	E-356-8	
30379					DD	2CP15C	E-356-8	
30380					DD	2CPN	E-356-6	
30381					DD	2CKL	E-356-6	
30382					DF	2CKL	E-346, 347	
30383					X	2CKL	E-346	
30384					X	46714A	E-346	
30385			2CBDF12A	BDF12 CONTROL CIRCUIT	X	46718A	E-346	
30386					X	2CKL	E-346	
30387					X	36728A	E-346	
30388					Q	36728A	E-338	
30389					Q	36707A	E-338	
30390					Q	2CGE	E-338	
30391			2CBDF12B	BDF12 CONTROL CIRCUIT	FF	2CP15C	E-356-8	
30392					DD	2CP15C	E-356-8	
30393					DD	2CPN	E-356-6	
30394					DD	2CKL	E-356-6	
30395					DF	2CKL	E-346, 347	
30396					X	2CKL	E-346	
30397					X	46718A	E-346	
30398			2PAD11DFA	AD1DF11 POWER CIRCUIT	X	36404A	E-346	
30399					Q	36404A	E-338	
30400			2PAD12DFA	AD1DF12 POWER CIRCUIT	X	36409A	E-346	
30401					Q	36409A	E-338	
30401A			2PD2P07A	CONTROL POWER TO UNIT SUB BUS F1	X	46827A	E-346	
30403A			4PD2N07A	CONTROL POWER TO UNIT SUB BUS F1	X	46830A	E-346	
30403B					X	46830A	E-346	
30402			AD1DF11	4.16KV SWGR D1 FDR BKR TO USS F1 (CH. 2)	Q		E-338	
30403			AD1DF12	4.16KV SWGR D1 FDR BKR TO USS F1 (CH. 2)	Q		E-338	
30404			BDF11	480V ESSEN SWGR BUS F1 BREAKER (CH. 2)	X		E-346	
30405			BDF12	480V ESSEN SWGR BUS F1 BREAKER (CH. 2)	FF		E-353	
30406			C5715	USS F1 CONTROL ROOM PANEL (CH. 2)	FF		E-353	
30407			F1	480VAC ESSEN UNIT SUB F1 (CH. 2)	X		E-346	
30500		F11A	2PBF115A	BF115 POWER CIRCUIT	DF	46700A	E-346, 347	
30501					X	46700A	E-346	
30502			2PBF115B	BF115 POWER CIRCUIT	DF	46700B	E-346, 347	
30503					X	46700B	E-346	
30504			BF115	MCC F11A FEEDER CIRCUIT BREAKER (CH. 2)	X		E-346	
30505			F11A	480VAC ESSEN MCC F11A (CH. 2)	DF		E-346, 347	
30600		F11B	2PBF1137A	BF1137 POWER CIRCUIT	V	47007A	E-345	
30601					DF	47007A	E-344	
30602			BF1137	MCC F11B FEEDER CIRCUIT BREAKER (CH. 2)	DF		E-347	
30603			F11B	480VAC ESSEN MCC F11B (CH. 2)	V		E-345	
30700		F11C	2PBF1143A	BF1143 POWER CIRCUIT	A	47021A	E-335	
30701					A	47021A	E-349-2	
30702					DF	47021A	E-347	
30703			BF1143	MCC F11C FEEDER CIRCUIT BREAKER (CH. 2)	DF		E-347	
30704			F11C	480VAC ESSEN MCC F11C (CH. 2)	A		E-335	
30800		F11D	2PBF1146A	BF1146 POWER CIRCUIT	G	47200A	E-335	
30801					U	47200A	E-349-3	
30802					A	47200A	E-349-2	
30803					DF	47200A	E-347	
30804			BF1146	MCC F11D FEEDER CIRCUIT BREAKER (CH. 2)	DF		E-347	
30805			F11D	480VAC ESSEN MCC F11D (CH. 2)	G		E-335	
30900		F11E	2PBF1189A	BF1189 POWER CIRCUIT	B	18215B	E-412	
30901					AB	18215B	E-332, 412	
30902					A	18215B	E-332	
30903					A	18215B	E-335	
30904					A	18215B	E-349-2	
30905					A	JB3713	E-349-2	
30906					A	18215A	E-349-2	
30907					DF	18215A	E-347	
30908			BF1189	MCC F11E FEEDER CIRCUIT BREAKER (CH. 2)	DF		E-347	
30909			F11E	480VAC ESSEN MCC F11E (CH. 2)	B		E-412	
31000		F12A	2PBF114A	BF114 POWER CIRCUIT	X	46703A	E-346	

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APPENDIX B-1

CIRCUIT/SUB-COMPONENT LOCATION SUMMARY BY SYSTEM

ID No.	SYSTEM	COMPONENT	CIRCUIT/ SUB-COMP	DESCRIPTION	FIRE AREA	RACEWAY	RACEWAY DRAWING	CHANGE NO/TYP
31001	ESSPWR	F12A	2PBF114B	BF114 POWER CIRCUIT	X	46704A	E-346	
31002			BF114	MCC F12A FEEDER CIRCUIT BREAKER (CH. 2)	X		E-346	
31003			F12A	480VAC ESSEN MCC F12A (CH. 2)	X		E-346	
31100		F12B	2PBF107A	BF107 POWER CIRCUIT	J	46094C	E-338	
31101					J	46094B*	E-337, 343	
31101A					X	46094B*	E-337, 343	
31101B					Q	46094B*	E-337, 343	
31101C					X	46094B*	E-337, 343	
31102					X	46094A	E-346	
31103			BF107	MCC F12B FEEDER CIRCUIT BREAKER (CH. 2)	X		E-346	
31104			F12B	480VAC ESSEN MCC F12B (CH. 2)	J		E-338	
31200		F12C	2PBF1202A	BF1202 POWER CIRCUIT	BF	36158F	E-360, 361	
31201					BG	36158E	E-360, 361	
31202					DUCT	36158D*	E-304, 360	
31203					MA	2PAM	E-304	
31204					DUCT	36158C*	E-307, 305	
31205					DUCT	36158B*	E-337, 341	
31206					Q	36158A	E-338	
31207					X	36158A	E-346	
31208			BF1202	MCC F12C FEEDER CIRCUIT BREAKER (CH. 2)	X		E-361	
31209			F12C	480VAC ESSEN MCC F12C (CH. 2)	BF		E-361	
31300		F12D	2PBF1278A	BF1278 POWER CIRCUIT	BF	30492A	E-361	
31301			BF1278	MCC F12D FEEDER CIRCUIT BREAKER (CH. 2)	BF		E-361	
31302			F12D	480VAC ESSEN MCC F12D (CH. 2)	BF		E-361	
31400		F14	2PBF110A	BF110 POWER CIRCUIT	X	46705A	E-346	
31401			BF110	MCC F14 FEEDER CIRCUIT BREAKER (CH. 2)	X		E-346	
31402			F14	480VAC ESSEN MCC F14 (CH. 2)	X		E-346	
31500		F15	2CBF105B	BF105 CONTROL CIRCUIT	Y	46072A	E-346	
31501					DF	46072B	E-346, 347	
31502					DF	2CKM	E-346, 347	
31503					X	2CKM	E-346	
31504					X	46892A	E-346	
31505					X	46715A	E-346	
31506					X	2CKL	E-346	
31507			2PBF105A	BF105 POWER CIRCUIT	X	46746A	E-346	
31508			BF105	MCC F15 FEEDER CIRCUIT BREAKER (CH. 2)	X		E-346	
31509			F15	480VAC ESSEN MCC F15 (CH. 2)	X		E-346	
31510		F16A	2PBF118A	BF118A CIRCUIT BREAKER (CH 2)	X	46941A	E-343	4 A
31511					X	46941A	E-343	4 A
31512					X	46941A	E-343	4 A
31656		F7	AD2DF7	480VAC SWGB BUS F7 FDR CIRCUIT BREAKER	Q		E-337	
31663					Q		E-337	
31603			BCAD2DF7D	AD2DF7 CONTROL CIRCUIT	Q	36436A	E-351	
31604					Q	BCGK	E-338	
31605					P	BCGK	E-338	
31606					A	BCGK	E-338, 349-2	
31607					A	BCGK	E-349-2	
31608					A	BCGL	E-349-2, 356-4	
31609					DD	BCPD	E-356-4	
31610					DD	BCPC	E-356-4	
31611					DD	BCP15D	E-356-8	
31612					FF	BCP15D	E-356-8	
31613			BCAD2DF7E	AD2DF7 CONTROL CIRCUIT	Q	36435A	E-351	
31614					Q	BCGL	E-338	
31615					Q	BCGD	E-338	
31616					Q	BCGN	E-338	
31617					P	BCGN	E-338	
31618					P	BCVL	E-338	
31619					II	BCVL	E-338, 313	
31620					II	BCVB	E-313, 314	
31621					II	34301A	E-314	
31622			BCAD2DF7F	AD2DF7 CONTROL CIRCUIT	Q	36436A	E-351	
31623					Q	BCGK	E-338	
31624					P	BCGK	E-338	
31625					A	BCGK	E-338, 349-2	
31626					A	BCGK	E-349-2	
31627					A	BCGL	E-349-2, 356-4	
31628					DD	BCPD	E-356-4	
31629					DD	BCPC	E-356-4	
31630					DD	BCP15D	E-356-8	
31631					FF	BCP15D	E-356-8	
31640			BCBDF7A	BDF7 CONTROL CIRCUIT	Q	36435A	E-351	

RACEWAY LEGEND (A) = 3-HR FIRE WRAP (B) = 1-HR FIRE WRAP (C) = RADIANT ENERGY SHIELD * = EMBEDDED CONDUIT

APPENDIX B-1

CIRCUIT/SUB-COMPONENT LOCATION SUMMARY BY SYSTEM

ID No.	SYSTEM	COMPONENT	CIRCUIT/ SUB-COMP	DESCRIPTION	FIRE AREA	RACEWAY	RACEWAY DRAWING	CHANGE NO/TYP
31641	ESSPWR	F7	BCBDF7A	BDF7 CONTROL CIRCUIT	Q	BCGL	E-338	
31642					Q	BCGD	E-338	
31643					Q	BCGN	E-338	
31644					P	BCGN	E-338	
31645					II	BCVL	E-338	
31646					II	BCVB	E-313, 314	
31647					II	34301A	E-314	
31648			BCBDF7B	BDF7 CONTROL CIRCUIT	II	34301A	E-314	
31649					II	BCVB	E-314	
31650					II	BCVK	E-314,349-1,308	
31651					II	BCWF	E-318	
31652					DD	BCPR	E-356-4	
31653					DD	BCPC	E-356-4	
31654					DD	BCP15D	E-356-8	
31655					FF	BCP15D	E-353	
31632			BCBF7A	BDF7 CONTROL CIRCUIT	II	34301A	E-314	
31633					II	BCVB	E-314	
31634					II	BCVK	E-314, 349-1	
31635					II	BCWF	E-318	
31636					DD	BCPR	E-356-4	
31637					DD	BCPC	E-356-4	
31638					DD	BCP15D	E-356-8	
31639					FF	BCP15D	E-338	
31664			BDF7	480VAC SWGR BUS F7 FDR CIRCUIT BREAKER	II		E-314	
31670N			BF7	BUS F7	II		E-314	
31659			BF702	F7 CONTROL PANEL (CH B)	II		E-314	
31600			BPAD2DF7A	4.16KV FD BRKR TO UNIT SUB F7 POWER	II	36434A	E-314	
31601					S	36434A	E-338	
31602					Q	36434A	E-349	
31670A			BPDBN11A	DC CONT PWR TO F7 FOR MDFP AUX LO PUMP	X	46798A	E-346, 346-1	
31670B					X	46798A	E-346-1	
31670C					X	46797B*	E-346-1	
31670D					II	46797B*	E-346-1	
31670E					II	JB4680	E-346-1	
31670F					II	46797C	E-314, 349-1	
31670G			BPDBP11A	ALT DC CNTRL TO F7 FOR MDFP AUX LO PUMP	X	46798A	E-346, 346-1	
31670H					X	JB4679	E-346	
31670I					X	46797B*	E-346	
31670J					II	46797B*	E-346	
31670K					II	JB4680	E-346	
31670L					II	46797C	E-346	
31658			C5715	F7 CONTROL PANEL (CH B)	FF		E-353	
31662					FF		E-353	
31670M			DBN	125 VDC DISTRIBUTION PANEL	X		E-346	
31670P			DBP	125 VDC DISTRIBUTION PANEL	X		E-346	
31660			F7	480VAC UNIT SUBSTATION	II		E-314	
31657			XDF7	480VAC USS F7 XFMR	II		E-314	
31702		F71	BF707	MCC F7 CIRCUIT BREAKER (CH B)	II		E-314	
31700			BPBF707A	POWER FEEDER TO F71	II	34128A	E-314	
31701			F71	480VAC MCC	II		E-314	
32714		RC1761	BCYBU41A	CONTROL POWER TO WC1747	X	46270A	E-346	
32715					X	BCKQ	E-346	
32716					DF	BCKQ	E-346, 347	
32717					DD	BCKQ	E-356, 356-4	
32718					DD	BCPC	E-356-4	
32719					DD	BCPR	E-356-4	
32720					DD	BCPE	E-356-4	
32721					DD	BCEQ	E-356-4	
32722					CC	BCEQ	E-351-4, 347	
32723					U	BCEQ	E-351-4, 349-3	
32724					G	BCEQ	E-351-4, 335	
32725					G	BCDR	E-351-4, 335	
32726					A	BCDR	E-351-4, 332	
32727					A	BCDS	E-351-4, 332	
32728					A	BCDT	E-351-4, 332	
32729					A	17705A	E-351-4, 332	
26610		RC3601	1CD1P21A	CONTROL POWER TO RC3701	A	37800A	E-349-2	
26611					A	37805A	E-349-2	
26612					V	37805A	E-349-3	
26613					V	1CJL	E-349-3	
26614					U	1CJL	E-349-3	
26615					CC	1CJL	E-347	
26616					DD	1CJL	E-356-6	
26617					DD	1CPL	E-356-1, 356-6	
26618					DD	46053A	E-356-1, 356-6	
26619					DD	46053B*	E-343,344,356-1	

RACEWAY LEGEND (A) = 3-HR FIRE WRAP (B) = 1-HR FIRE WRAP (C) = RADIANT ENERGY SHIELD * = EMBEDDED CONDUIT

APPENDIX B-1

CIRCUIT/SUB-COMPONENT LOCATION SUMMARY BY SYSTEM

ID No.	SYSTEM	COMPONENT	CIRCUIT/ SUB-COMP	DESCRIPTION	FIRE AREA	RACEWAY	RACEWAY DRAWING	CHANGE NO/TYP
26620	ESSPWR	RC3601	1CD1P21A	CONTROL POWER TO RC3701	A	46053B*	E-343,344,356-1	
26621					DF	46053B*	E-343,344,356-1	
26622					X	46053B*	E-343,344,356-1	
26623					Y	46053B*	E-343,344,356-1	
26624					Y	1CKD	E-346	
26625					Y	46615A	E-346	
26626					Y	1CKA	E-346	
26627			1CD1P21B	CONTROL POWER TO RC3601	CC	1CJL	E-347	
26628					CC	27122A	E-347	
26629					UU	27122A	E-349-1	
26630					A	37800A	E-349-1	
26631					A	37805A	E-349-2	
26632					V	37805A	E-349-3	
26633					V	1CJL	E-349-3	
26634					U	1CJL	E-349-3	
26635					DD	1CJL	E-356-6	
26636					DD	1CPL	E-356-1, 356-6	
26637					DD	27122A	E-356-1, 356-6	
26638					A	27122A	E-335	
26639					A	1CEB	E-335	
26640					E	1CEB	E-335	
26641					DUCT	36082B*	E-337, 342	
26642					S	36082B	E-338	
26643					S	JB3607	E-338, 418	
26644					S	36090A	E-338, 418	
26645					S	36320B	E-338	
26646					S	1CGC	E-338	
26647			1CD1P21C	CONTROL POWER TO CDE11D	G	27710A	E-335	
26648					G	BE11D	E-335	
26649					G	27502A	E-335	
26650					G	1CDB	E-335	
26651					U	1CDB	E-349-3	
26652					U	37072A	E-349-3	
26653					U	1CJL	E-349-3	
26654					V	1CJL	E-349-3	
26655					V	37805C	E-349-3	
26656					A	37805C	E-349-2	
26657			1CD1P21D	CONTROL POWER TO RC3607	S	36209A	E-338	
26658					S	1CGZ	E-338	
26659					S	36320B	E-338	
26660					S	1CGC	E-338	
27347		RC3602	2CD2P21A	CONTROL POWER TO RC3702	A	37802A	E-349-2	
27347A					A	37806A	E-349-2	
27347B					A	37806A	E-349-2	
27347C					A	2CEA	E-349-2	
27347D					DD	2CEA	E-356-7	
27347E					DD	2CLA	E-356-7	
27347F					DD	2CPR	E-356-7	
27347G					DD	2CKM	E-356-7	
27347H					DF	2CKM	E-346, 347	
27347I					X	2CKM	E-346	
27347J					X	46805A	E-346	
27347K			2CD2P21B	CONTROL POWER TO RC3602	A	36810A	E-349-2	
27347L					P	36810A	E-338	
27347M					R	36810A	E-338	
27347N					Q	36810A	E-338	
27347O					Q	36413B	E-338	
27347P					Q	2CGE	E-338	
27347Q			2CD2P21C	CONTROL POWER TO RC3608 (CCW 002)	Q	36201A	E-338	
27347R					Q	36413B	E-338	
27347S					Q	2CGE	E-338	
26725		RC3607	1CD1P21A	CONTROL POWER TO RC3601	A	37800A	E-349-2	
26726					A	37805A	E-349-2	
26727					V	37805A	E-349-3	
26728					V	1CJL	E-349-3	
26729					U	1CJL	E-349-3	
26730					CC	1CJL	E-347	
26731					DD	1CJL	E-356-6	
26732					DD	1CPL	E-356-1, 356-6	
26733					DD	46053A	E-356-1, 356-6	
26734					DD	46053B*	E-343,344,356-1	
26734A					A	46053B*	E-343,344,356-1	
26734B					DF	46053B*	E-343,344,356-1	
26734C					X	46053B*	E-343,344,356-1	
26734D					Y	46053B*	E-343,344,356-1	
26735					Y	1CKD	E-346	
26736					Y	46615A	E-346	

RACEWAY LEGEND (A) = 3-HR FIRE WRAP (B) = 1-HR FIRE WRAP (C) = RADIANT ENERGY SHIELD * = EMBEDDED CONDUIT

APPENDIX B-1

CIRCUIT/SUB-COMPONENT LOCATION SUMMARY BY SYSTEM

ID No.	SYSTEM	COMPONENT	CIRCUIT/ SUB-COMP	DESCRIPTION	FIRE AREA	RACEWAY	RACEWAY DRAWING	CHANGE NO/TYP
26737	ESSPWR	RC3607	1CD1P21A	CONTROL POWER TO RC3601	Y	1CKA	E-346	
26738			1CD1P21B	CONTROL POWER TO RC3601	CC	1CJL	E-347	
26739					CC	27122A	E-347	
26740					UU	27122A	E-349-1	
26741					A	37800A	E-349-2	
26742					A	37805A	E-349-2	
26743					V	37805A	E-349-3	
26744					V	1CJL	E-349-3	
26745					U	1CJL	E-349-3	
26746					DD	1CJL	E-356-6	
26747					DD	1CPL	E-356-1, 356-6	
26748					DD	27122A	E-356-1, 356-6	
26749					A	27122A	E-335	
26750					A	1CEB	E-335	
26751					E	1CEB	E-335	
26752					DUCT	36082B*	E-337, 342	
26753					S	36082B	E-338	
26754					S	JB3607	E-338, 418	
26755					S	36090A	E-338, 418	
26756					S	36320B	E-338	
26757					S	1CGC	E-338	
26758			1CD1P21C	CONTROL POWER TO CDE11D	G	27710A	E-335	
26759					G	BE11D	E-335	
26760					G	27502A	E-335	
26761					G	1CDB	E-335	
26762					U	1CDB	E-349-3	
26763					U	37072A	E-349-3	
26764					U	1CJL	E-349-3	
26765					V	1CJL	E-349-3	
26766					V	37805C	E-349-3	
26767					A	37805C	E-349-2	
26768			1CD1P21D	CONTROL POWER TO RC3607 (CCW001)	S	36209A	E-338	
26769					S	1CGZ	E-338	
26770					S	36320B	E-338	
26771					S	1CGC	E-338	
27278		RC3608	2CD2P21A	CONTROL POWER TO RC3702	A	37802A	E-349-2	
27279					A	37806A	E-349-2	
27280					A	37806A	E-349-2	
27281					A	2CEA	E-349-2	
27282					DD	2CEA	E-356-7	
27283					DD	2CLA	E-356-7	
27284					DD	2CPR	E-356-7	
27285					DD	2CKM	E-356-7	
27286					DF	2CKM	E-346, 347	
27287					X	2CKM	E-346	
27288					X	46805A	E-346	
27289			2CD2P21B	CONTROL POWER TO RC3602	A	36810A	E-349-2	
27290					P	36810A	E-338	
27291					R	36810A	E-338	
27292					Q	36810A	E-338	
27293					Q	36413B	E-338	
27294					Q	2CGE	E-338	
27295			2CD2P21C	CONTROL POWER TO RC3608 (CCW002)	Q	36210A	E-338	
27296					Q	36413B	E-338	
27297					Q	2CGE	E-338	
26910		RC3701	1CD1P21A	CONTROL POWER TO RC3701	A	37800A	E-349-2	
26911					A	37805A	E-349-2	
26912					V	37805A	E-349-3	
26913					V	1CJL	E-349-3	
26914					U	1CJL	E-349-3	
26915					CC	1CJL	E-347	
26916					DD	1CJL	E-356-6	
26917					DD	1CPL	E-356-1, 356-6	
26918					DD	46053A	E-356-1, 356-6	
26919					DD	46053B*	E-343,344,356-1	
26920					A	46053B*	E-343,344,356-1	
26921					DF	46053B*	E-343,344,356-1	
26922					X	46053B*	E-343,344,356-1	
26923					Y	46053B*	E-346	
26924					Y	1CKD	E-346	
26925					Y	46615A	E-346	
26926					Y	1CKA	E-346	
26927			1CD1P21B	CONTROL POWER TO RC3601	CC	1CJL	E-347	
26928					CC	27122A	E-347	
26929					UU	27122A	E-349-1	
26930					A	37800A	E-349-2	
26931					A	37805A	E-349-2	

RACEWAY LEGEND (A) = 3-HR FIRE WRAP (B) = 1-HR FIRE WRAP (C) = RADIANT ENERGY SHIELD * = EMBEDDED CONDUIT

APPENDIX B-1

CIRCUIT/SUB-COMPONENT LOCATION SUMMARY BY SYSTEM

ID No.	SYSTEM	COMPONENT	CIRCUIT/ SUB-COMP	DESCRIPTION	FIRE AREA	RACEWAY	RACEWAY DRAWING	CHANGE NO/TYP
26932	ESSPWR	RC3701	1CD1P21B	CONTROL POWER TO RC3601	V	37805A	E-349-3	
26933					V	1CJL	E-349-3	
26934					U	1CJL	E-349-3	
26935					DD	1CJL	E-356-6	
26936					DD	1CPL	E-356-1, 356-6	
26937					DD	27122A	E-356-1, 356-6	
26938					A	27122A	E-335	
26939					A	1CEB	E-335	
26940					E	1CEB	E-335	
26941					DUCT	36082B*	E-337, 342	
26942					S	36082B*	E-338	
26943					S	JB3607	E-338, 418	
26944					S	36090A	E-338, 418	
26945					S	36320B	E-338	
26946					S	1CGC	E-338	
26947			1CD1P21C	CONTROL POWER TO CDE11D	G	27710A	E-335	
26948					G	BE11D	E-335	
26949					G	27502A	E-335	
26950					G	1CDB	E-335	
26951					U	1CDB	E-349-3	
26952					U	37072A	E-349-3	
26953					U	1CJL	E-349-3	
26954					V	1CJL	E-349-3	
26955					V	37805C	E-349-3	
26956					A	37805C	E-349-2	
26957			1CD1P21D	CONTROL POWER TO RC3607	S	36209A	E-338	
26958					S	1CGZ	E-338	
26959					S	36320B	E-338	
26960					S	1CGC	E-338	
27130		RC3702	2CD2P21A	CONTROL POWER TO RC3702	A	37802A	E-349-2	
27131					A	37806A	E-349-2	
27132					A	37806A	E-349-2	
27133					A	2CEA	E-349-2	
27134					DD	2CEA	E-356-7	
27135					DD	2CLA	E-356-7	
27136					DD	2CPR	E-356-7	
27137					DD	2CKM	E-356-7	
27138					DF	2CKM	E-346, 347	
27139					X	2CKM	E-346	
27140					X	46805A	E-346	
27141			2CD2P21B	CONTROL POWER TO RC3602	A	36810A	E-349-2	
27142					P	36810A	E-338	
27143					R	36810A	E-338	
27144					Q	36810A	E-338	
27145					Q	36413B	E-338	
27146					Q	2CGE	E-338	
27147			2CD2P21C	CONTROL POWER TO RC3608	Q	36201A	E-338	
27148					Q	36413B	E-338	
27149					Q	2CGE	E-338	
32174		RC3705	2CY216A	CONTROL POWER TO RC3705 (LR3758)	A	37607A	E-349-2	
32175					A	EV1338	E-349-2	
32176					A	47328A	E-349-2	
32177					DF	47328A	E-347	
32178					DF	2CLA	E-347	
32179					DD	2CLA	E-356-7	
32180					DD	2CPR	E-356-7	
32181					DD	2CKL	E-356-7	
32182					DF	2CKL	E-346, 347	
32183					X	2CKL	E-346	
32184					X	46824A	E-346	
32185			2CY216B	CONTROL POWER TO RC3703	A	37055A	E-349-2	
32186			2CY216C	CONTROL POWER TO WF60	A	27046A	E-335	
32187					A	2CEH	E-335	
32188					A	2CEH	E-335	
32189					A	2CEG	E-335	
32190					A	2CED	E-349-2	
32191					A	37611B	E-349-2	
32192					A	37611B	E-349-2	
26771A		RC3706	RC3706	RELAY CABINET NON SSD LOADS	V		E-350	
31910		RC3715	ACDAP28A	CONTROL POWER (WC1453)	Y	ACKG	E-346, 346-1	
31911					Y	ACKC	E-346, 346-1	
31912					Y	46666A	E-346	
31913					Y	ACKE	E-346, 346-1	
31914					II	ACKE	E-346, 346-1	
31915					II	46200A	E-346	

RACEWAY LEGEND (A) = 3-HR FIRE WRAP (B) = 1-HR FIRE WRAP (C) = RADIANT ENERGY SHIELD * = EMBEDDED CONDUIT

APPENDIX B-1

CIRCUIT/SUB-COMPONENT LOCATION SUMMARY BY SYSTEM

ID No.	SYSTEM	COMPONENT	CIRCUIT/ SUB-COMP	DESCRIPTION	FIRE AREA	RACEWAY	RACEWAY DRAWING	CHANGE NO/TYP
31916	ESSPWR	RC3715	ACDAP28A	CONTROL POWER (WC1453)	II	ACGH	E-338	
31917					P	ACGH	E-338	
31918					A	ACGH	E-338, 349-2	
31919					U	ACGH	E-349-3	
31920					U	38230A	E-349-3	
31921			ACDAP28B	CONTROL POWER TO RC1760	U	38230A	E-349-3	
31922					U	ACGH	E-349-3	
31923					U	37720A	E-349-3	
31924					U	ACEN	E-349-3, 351-4	
31925					G	ACEN	E-349-3, 351-4	
31926					G	27850A	E-335	
31927					G	ACFB	E-335	
31928					G	ACDA	E-335	
31929					A	ACDA	E-335, 351-4	
31930					A	ACDD	E-335	
31931					A	17359A	E-335	
26970		RC3716	BCYBU43A		X	46272A	E-346	
26971					X	BCKP	E-346	
26972					X	46851A	E-346	
26973					Q	46851A	E-338	
26974					Q	BCGD	E-338	
26975					Q	BCGL	E-338	
26976					P	BCGL	E-338	
26977					P	36852A	E-338	
26978					P	BCGM	E-338	
26979					A	BCGM	E-338, 349-2	
26980					A	BCHK	E-349-2	
26981					A	BCJD	E-349-2	
26982					A	37482B	E-349-2	
26985			BCYBU43B		A	37482B	E-349-2	
26986					A	BCJD	E-349-2	
26987					A	BCHD	E-349-2	
26989					U	BCHD	E-349-3	
26990					U	37699A	E-349-3	
26991			RC3716		U		E-349-3	
26983			RC3718		A		E-349-2	
26984			YBU		X		E-346	
26605		RC4606	2PD2N17A	CONTROL POWER TO RC4606 (PORV)	X	46287A	FSK-E-112-1	2 A
27211			2PD2P12A	CONTROL POWER TO RC4606 (SV4610A,SV4632)	X	46749B	E-346	
27212					X	JB4614	E-346	
27213					X	46749A	E-346	
26815A		RC4801	1PD1P12A	DC CONT POWER TO RC4801 (MUSV6407)	DG	46796B	E-348	
26815B					EE	46796B	E-413, 414, 417	
26815C					EE	46796A	E-413	
26815D					Y	46796A	E-346-1	
26815E					Y	JB4615	E-346-1	
26815F					Y	46752A	E-346-1	
27403		RC4802	APDAN24A	DC CONT POWER TO RC4802 (MU TK RELAYS)	Y	46346C	E-346-1	
27403A					Y	JB4608	E-346-1	
27403B					Y	46346B	E-346-1	
27403C					EE	46346B	E-413, 414, 417	
27403D					V	46346B	E-348	
27403E					V	JB4813	E-348	
27403F					V	48430A	E-348	
31705D		XAC01	AACD1	BUS D1 BREAKER FROM XFMR XAC	Q		E-410	
31705F			C2	BUS C2	S		E-410	
31705A			CABLEBUS	BACKFEED D1 POWER CABLE FROM AACD1	Q	CABL BUS	E-410	
31705B					S	CABL BUS	E-410	
31705C					OS	CABL BUS	E-410	
31705E			XAC01	XFMR XAC	OS		E-410	
31993		Y1	1PBE1616A	ALT PWR CONST VOLTAGE TRNSFRMR XY1(CH 1)	Y	56313A	E-346	4 A
31994					II	56313A	E-413	4 A
31995					EE	56313A	E-413	4 A
26793			1PD1P03A	POWER TO YV1(INTERNAL)	Y	Field	E-346	
31996			1PXY1A	ALT PWR VIA STATIC/MANUAL SWITCH	Y	56313B	E-343	4 A
33200			1PYV1A	INVERTER YV1 TO INST DIST PNL Y1	Y	46653A	E-346	
31999A			XY1	ESSEN POWER TO Y1/Y1A	Y		E-346	
31999			Y1	ESSEN 120VAC INST DIST PNL Y1 (CH. 1)	Y		E-346	
32059		Y1A	1PYV1B	INVERTER YV1 TO DISP PANEL Y1A	Y	46939B	E-346-1	
32060			Y1A	ESSEN DIST PANEL Y1A (CH. 1)	Y		E-346-1	
32192A		Y2	2PBF1624A	ALT PWR VIA CNSTNT VLTG XFMR XY2 (CH 2)	X	46277A	E-346	4 A

RACEWAY LEGEND (A) = 3-HR FIRE WRAP (B) = 1-HR FIRE WRAP (C) = RADIANT ENERGY SHIELD * = EMBEDDED CONDUIT

APPENDIX B-1

CIRCUIT/SUB-COMPONENT LOCATION SUMMARY BY SYSTEM

ID No.	SYSTEM	COMPONENT	CIRCUIT/ SUB-COMP	DESCRIPTION	FIRE AREA	RACEWAY	RACEWAY DRAWING	CHANGE NO/TYP
27318	ESSPWR	Y2	2PD2P03A	POWER TO INV YV2 (INTERNAL)	X	Field	E-346	
32192B			2PXY2A	ALT PWR VIA STATIC/MAN SW TO Y2	X	46277C	E-346	4 A
32210A			2PXY2B	ALT PWR FEED FROM XY2	X	46277B	E-346	4 A
33300			2PYV2A	INVERTER YV2 TO INST DIST PNL Y2	X	46799A	E-346	
32201A			XY2	ESSEN POWER TO Y2/Y2A	X		E-346	
32201			Y2	ESSEN 120VAC INST DIST PNL Y2 (CH. 2)	X		E-346	
32338		Y2A	2PYV2B	INVERTER YV2 TO DIST PANEL Y2A	X	46938B	E-346-1	
32339			Y2A	ESSEN DIST PANEL Y2A (CH. 2)	X		E-346-1	
32408		Y3	1PBE1617A	ALT PWR VIA CNSTNT VLTG XFMR XY3 (CH 3)	EE	56312A	E-413	4 A
32409					II	56312A	E-413	4 A
32410					Y	56312A	E-346	4 A
32411					Y	56312A	E-346	4 A
26500			3PD1N03A	POWER TO INV YV3 (INTERNAL)	Y	Field	E-346	
32413			3PXY3A	ALT PWR VIA STATIC/MANUAL SWITCH	Y	56312B	E-346	4 A
33400			3PYV3A	INVERTER YV3 TO INST DIST PNL Y3	Y	46925A	E-346	
32700A			XY3	ESSEN POWER TO Y3	Y		E-346	
32415			Y3	ESSEN 120VAC INST DIST PNL Y3 (CH. 3)	Y		E-346	
32700		Y3602	BPYBU05A	CONTROL POWER T Y3602 (MU32, MU19)	II	46906A	E-338	
32700A					S	46906A	E-338	
32701					Q	46906A	E-338	
32702					X	46906A	E-346	
32516B		Y4	2PBF1625A	CONSTANT VOLTAGE TRANSPORMER XY4 (CH 4)	X	46278A	E-346	4 A
32516D					X	46278A	E-346	4 A
27100			4PD2N03A	POWER TO INV YV4 (INVERTER)	X	Field	E-346	
32516C			4PXY4A	ALT PWR VIA STATIC/MANUAL SWITCH	X	46278B	E-346	4 A
33500			4PYV4A	INVERTER YV4 TO INST DIST PNL Y4	X	46846A	E-346	
32516A			XY4	ESSEN POWER TO Y4	X		E-346	
32516			Y4	ESSEN 120VAC INST DIST PNL Y4 (CH. 4)	X		E-346	
28407		YAU	APD116A	DC MCC 1 TO INVERTER YVA	Y	46556A	E-346	
32615A			APYVAA	BACKFEED TO YAU - CH A INST BUS	Y	46128A	E-346	
32610			YAU	120 VAC UNINTERRUPTABLE INST DIST PANEL	Y		E-346	
32615C					Y		E-346	
32615B			YVA	INVERTER YVA	Y		E-346	
28507		YBU	BPD216A	DC MCC 2 TO INVERTER YVB (DBP)	X	46756A	E-346	
33700			BPYVBA	INVERTER YVB TO INST DIST PNL YBU	X	46785A	E-346	
32713			YBU	120VAC DISTRIBUTION PANEL (CH. B)	X		E-346	
32800		YE1	1PBE1259A	BE1259 POWER CIRCUIT	K	36926A	E-338	
32801			YE1	240/120VAC MCC YE1 (CH. 1)	K		E-338	
32900		YE2	1PBE1180B	BE1180 POWER CIRCUIT	V	38094A	E-350	
32901			1PBE1180C	BE1180 POWER CIRCUIT	V	38094B	E-350	
32902			XYE2A	480/240VAC XFMR XYE2A (CH. 1)	V		E-350	
32903			YE2	240/120VAC MCC YE2 (CH. 1)	V		E-350	
33000		YF1	2PBF1270A	BF1270 POWER CIRCUIT	J	36865A	E-338	
33001			YF1	240/120VAC MCC YF1 (CH. 2)	J		E-338	
33100		YF2	2PBF1101B	BF1101 POWER CIRCUIT	DF	47095A	E-347	
33101			2PBF1101C	BF1101 POWER CIRCUIT	DF	47095B	E-347	
33102			XYF2A	480/240VAC XFMR XYF2A (CH. 2)	DF		E-347	
33103			YF2	240/120VAC MCC YF2 (CH. 2)	DF		E-347	
33201		YV1	YV1	INVERTER YV1 (CH. 1)	Y		E-346	
33301		YV2	YV2	INVERTER YV2 (CH. 2)	X		E-346	
33401		YV3	YV3	INVERTER YV3 (CH. 3)	Y		E-346	
33501		YV4	YV4	INVERTER YV4 (CH. 4)	X		E-346	
33600		YVA	APYVAA	INVERTER YVA TO INST DIST PNL YAU	Y	46128A	E-346	
33601			YVA	INVERTER YVA	Y		E-346	
33610C					Y		E-346	
33701		YVB	YVB	INVERTER YVA	X		E-346	
33710C					X		E-346	
27214		ZC6451	2CD2P13A	CONTROL POWER TO FW6451	X	46805A	E-346	
27215					X	2CKM	E-346	
27216					DF	2CKM	E-346, 347	
27217					DD	2CKM	E-356	
27218					DD	2CPR	E-356-7	

RACEWAY LEGEND (A) = 3-HR FIRE WRAP (B) = 1-HR FIRE WRAP (C) = RADIANT ENERGY SHIELD * = EMBEDDED CONDUIT

APPENDIX B-1

CIRCUIT/SUB-COMPONENT LOCATION SUMMARY BY SYSTEM

ID No.	SYSTEM	COMPONENT	CIRCUIT/ SUB-COMP	DESCRIPTION	FIRE AREA	RACEWAY	RACEWAY DRAWING	CHANGE NO/TYP
27219	ESSPWR	ZC6451	2CD2P13A	CONTROL POWER TO FW6451	DD	2CKN	E-356	
27220					DD	2CED	E-356-7	
27221					A	2CEG	E-356	
27222					A	2CEF	E-335	
27223					A	27319A	E-335	
27224					A	JB2717	E-335	
27225					A	27318B	E-335	
27226					F	JB2718	E-335	
27227					F	27318C	E-335	
27228					F	2CEE	E-335	
27229					F	27887A	E-335	
26817		ZC6452	1CD1P13A	CONTROL POWER TO AF6452	Y	36258A	E-346	
26818					S	36258A	E-346	
26819					S	JB3607	E-338	
26821					DUCT	36090B*	E-338	
26822					E	1CEC	E-335	
26823					E	27892A	E-335	
26824					E	27892D	E-335	
26515		ZC6459	1CD1N16A	CONTROL POWER TO AF6459	Y	46388A	E-346	
26516					Y	46388A	E-346	
26517					Y	1CKA	E-346	
26518					Y	36357D	E-346	
26519					S	1CGC	E-338	
26520					S	36090A	E-338, 418	
26521					S	JB3607	E-338	
26522					S	36090B	E-338	
26523					DUCT	36090B*	E-342	
26524					E	1CEC	E-335	
26525					E	24223C	E-308	
26526					II	24223C	E-308	
27200A		ZC6460	2CD2P10A	CONTROL POWER TO FW6460	X	46805A	E-346	A
27201					X	2CKM	E-346	
27202					DF	2CKM	E-346, 347	
27203					DD	2CKM	E-356	
27204					DD	2CPR	E-356-7	
27205					DD	2CKN	E-356	
27206					DD	2CED	E-356-7	
27207					A	2CEG	E-356	
27208					A	2CEF	E-335	
27209					A	24142A	E-308	
27210					II	24142A	E-335	
27200			D2P	ESSENTIAL 125VDC DIST PANEL D2P	X		E-346	
33800	HPIS	HP02A	2CBF1139B	MVHP02A CONTROL CIRCUIT	A	27432A	E-335	
33801					A	27448A	E-335, 418	
33802					A	2CEH	E-335	
33803			2CBF1139C	MVHP02A CONTROL CIRCUIT	A	27256A	E-335	
33804			2CBF1139D	MVHP02A CONTROL CIRCUIT	A	Nipple	E-335	
33805			2CBF1139E	MVHP02A CONTROL CIRCUIT	A	27707A	E-335	
33806					A	27436A	E-335, 418	
33807					A	2CEH	E-335	
33808			2CBF1139F	MVHP02A CONTROL CIRCUIT	FF	2CP16C	E-356-8	
33809					DD	2CP16C	E-356-8	
33810					DD	2CPN	E-356-7	
33811					DD	2CED	E-356-7	
33812					A	2CEG	E-335,349-2,347	
33813					A	27704A	E-335	
33814					A	2CEH	E-335	
33815			2CBF1139G	MVHP02A CONTROL CIRCUIT	FF	2CP56C	E-424	
33816					DD	2CP56C	E-424	
33817					DD	2CPN	E-356-7	
33818					DD	2CED	E-356-7	
33819					A	2CED	E-356-7	
33820					A	2CEG	E-335,349-2,347	
33821					A	27448A	E-335	
33822					A	2CEH	E-335	
33823			2PBF1139A	MVHP02A POWER CIRCUIT	A	27431A	E-335	
33824			BF1139	MVHP02A CIRCUIT BREAKER (CH. 2)	A		E-335	
33825			C5756C	MVHP02A CONTROL ROOM PANEL (CH. 2)	FF		E-353	
33826			CDF-11C	MVHP02A DISCONNECT SWITCH (CH. 2)	A		E-335	
33827			EVHP02A	MVHP02A TERMINAL BOX (CH. 2)	A		E-335	
33828			MVHP02A	HPI LINE 2-1 DISCH ISO VLV (CH. 2)	A		E-335	
33829			NVHP02A	MVHP02A LOCAL CONTROLLER (CH. 2)	A		E-335	
33900		HP02B	2CBF1141B	MVHP02B CONTROL CIRCUIT	A	27430A	E-335	
33901					A	27448A	E-335	

RACEWAY LEGEND (A) = 3-HR FIRE WRAP (B) = 1-HR FIRE WRAP (C) = RADIANT ENERGY SHIELD * = EMBEDDED CONDUIT

APPENDIX B-1

CIRCUIT/SUB-COMPONENT LOCATION SUMMARY BY SYSTEM

ID No.	SYSTEM	COMPONENT	CIRCUIT/ SUB-COMP	DESCRIPTION	FIRE AREA	RACEWAY	RACEWAY DRAWING	CHANGE NO/TYP
33902	HPIS	HP02B	2CBF1141B	MVHP02B CONTROL CIRCUIT	A	2CEH	E-335	
33903			2CBF1141C	MVHP02B CONTROL CIRCUIT	A	27255A	E-335	
33904			2CBF1141D	MVHP02B CONTROL CIRCUIT	A	Nipple	E-335	
33905			2CBF1141E	MVHP02B CONTROL CIRCUIT	A	27706A	E-335	
33906					A	27447A	E-335	
33907					A	2CEH	E-335	
33908			2CBF1141F	MVHP02B CONTROL CIRCUIT	FF	2CP16C	E-356-8	
33909					DD	2CP16C	E-356-8	
33910					DD	2CPN	E-356-7	
33911					DD	2CED	E-356-7	
33912					A	2CED	E-356-7	
33913					A	2CEG	E-347, 356-7	
33914					A	27704A	E-335	
33915					A	2CEH	E-335	
33916			2CBF1141G	MVHP02B CONTROL CIRCUIT	FF	2CP56C	E-424	
33917					DD	2CP56C	E-424	
33918					DD	2CPN	E-356-7	
33919					DD	2CED	E-356-7	
33920					A	2CED	E-356-7	
33921					A	2CEG	E-347,356-7	
33922					A	27448A	E-335	
33923					A	2CEH	E-335	
33924			2PBF1141A	MVHP02B POWER CIRCUIT	A	27429A	E-335	
33925			BF1141	MVHP02B CIRCUIT BREAKER (CH. 2)	A		E-335	
33926			C5756C	MVHP02B CONTROL ROOM PANEL (CH. 2)	FF		E-353	
33927			CDF-11C	MVHP02B DISCONNECT SWITCH (CH. 2)	A		E-335	
33928			EVHP02B	MVHP02B TERMINAL BOX (CH. 2)	A		E-335	
33929			MVHP02B	HPI LINE 2-2 DISCH ISO VLV (CH. 2)	A		E-335	
33930			NVHP02B	MVHP02B LOCAL CONTROLLER (CH. 2)	A		E-335	
34000		HP02C	1CBE1103B	MVHP02C CONTROL CIRCUIT	G	28032A	E-334	
34001					AB	28032B	E-336	
34002			1CBE1103C	MVHP02C CONTROL CIRCUIT	AB	28204A	E-336	
34003			1CBE1103D	MVHP02C CONTROL CIRCUIT	AB	Nipple	E-336	
34004			1CBE1103E	MVHP02C CONTROL CIRCUIT	V	1CJM	E-350	
34005					V	38552A	E-350	
34006					V	1CFF	E-350	
34007					G	1CFF	E-336	
34008					G	28335A	E-336	
34009			1CBE1103F	MVHP02C CONTROL CIRCUIT	FF	1CP16A	E-356-8	
34010					DD	1CP16A	E-356-8	
34011					DD	1CPL	E-356-6	
34012					DD	1CJL	E-356-6	
34013					CC	1CJL	E-347	
34014					U	1CJL	E-349-3	
34015					V	1CJL	E-350	
34016					V	38550A	E-350	
34017			1CBE1103G	MVHP02C CONTROL CIRCUIT	FF	1CP63C	E-424	
34018					DD	1CP63C	E-424	
34019					DD	1CPL	E-356-6	
34020					DD	1CJM	E-356-6	
34021					CC	1CJM	E-347	
34022					U	1CJM	E-349-3	
34023					V	1CJM	E-349-3	
34024					V	1CFF	E-349-3	
34025					G	1CFF	E-336	
34026					G	28334A	E-336	
34027			1PBE1103A	MVHP02C POWER CIRCUIT	G	28031A	E-334	
34028					AB	28031B	E-336	
34029			BE1103	MVHP02C CIRCUIT BREAKER (CH. 1)	G		E-336	
34029A			C5716	MVHP02C CONTROL ROOM PANEL (CH. 1)	FF		E-353	
34030			C5763C	MVHP02C CONTROL ROOM PANEL (CH. 1)	FF		E-353	
34031			CDE-11A	MVHP02C DISCONNECT SWITCH (CH. 1)	V		E-350	
34032			EVHP02C	MVHP02C TERMINAL BOX (CH. 1)	AB		E-336	
34033			MVHP02C	HPI LINE 1-1 DISCH ISO VLV (CH. 1)	AB		E-336	
34034			NVHP02C	MVHP02C LOCAL CONTROLLER (CH. 1)	AB		E-336	
34100		HP02D	1CBE1105B	MVHP02D CONTROL CIRCUIT	G	28024A	E-334	
34101					AB	28024B	E-336	
34102			1CBE1105C	MVHP02D CONTROL CIRCUIT	AB	28208A	E-336	
34103			1CBE1105D	MVHP02D CONTROL CIRCUIT	AB	Nipple	E-336	
34104			1CBE1105E	MVHP02D CONTROL CIRCUIT	V	1CJM	E-350	
34105					V	38552A	E-350	
34106					V	1CFF	E-350	
34107					G	1CFF	E-335	
34108					G	28335A	E-335	
34109			1CBE1105F	MVHP02D CONTROL CIRCUIT	FF	1CP16A	E-356-8	
34110					DD	1CP16A	E-356-8	
34111					DD	1CPL	E-356-6	

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APPENDIX B-1

CIRCUIT/SUB-COMPONENT LOCATION SUMMARY BY SYSTEM

ID No.	SYSTEM	COMPONENT	CIRCUIT/ SUB-COMP	DESCRIPTION	FIRE AREA	RACEWAY	RACEWAY DRAWING	CHANGE NO/TYP
34112	HPIS	HP02D	1CBE1105F	MVHP02D CONTROL CIRCUIT	DD	1CJL	E-356-6	
34113					CC	1CJL	E-347	
34114					U	1CJL	E-349-3	
34115					V	1CJL	E-350	
34116					V	38550A	E-350	
34117			1CBE1105G	MVHP02D CONTROL CIRCUIT	FF	1CP63C	E-424	
34118					DD	1CP63C	E-424	
34119					DD	1CPL	E-356-6	
34120					DD	1CJM	E-356-6	
34121					CC	1CJM	E-347	
34122					U	1CJM	E-349-3	
34123					V	1CJM	E-349-3, 350	
34124					V	1CFF	E-349-3	
34125					G	1CFF	E-336	
34126					G	28334A	E-336	
34127			1PBE1105A	MVHP02D POWER CIRCUIT	G	28023A	E-334	
34128					AB	28023B	E-336	
34129			BE1105	MVHP02D CIRCUIT BREAKER (CH. 1)	G		E-336	
34129A			C5716	MVHP02D CONTROL ROOM PANEL (CH. 1)	FF		E-353	
34130			C5763C	MVHP02D CONTROL ROOM PANEL (CH. 1)	FF		E-353	
34131			CDE-11A	MVHP02D DISCONNECT SWITCH (CH. 1)	V		E-350	
34132			EVHP02D	MVHP02D TERMINAL BOX (CH. 1)	AB		E-336	
34133			MVHP02D	HPI LINE 1-2 DISCH ISO VLV (CH. 1)	AB		E-336	
34134			NVHP02D	MVHP02D LOCAL CONTROLLER (CH. 1)	AB		E-336	
34200		HP31	2CBF1194B	MVHP31 CONTROL CIRCUIT	A	17626A	E-332	
34201			2CBF1194C	MVHP31 CONTROL CIRCUIT	A	18226B	E-332	
34202					A	18226A	E-332	
34203					AB	18226A	E-412, 332	
34204					B	18226A	E-412	
34205			2CBF1194D	MVHP31 CONTROL CIRCUIT	G	27703B	E-335, 418	
34206					G	JB2729	E-335	
34207					G	18227A	E-335	
34208					AB	18227A	E-412, 332	
34209					B	18227A	E-412	
34210			2CBF1194E	MVHP31 CONTROL CIRCUIT	A	Nipple	E-332	
34211			2CBF1194F	MVHP31 CONTROL CIRCUIT	FF	2CP16C	E-356-8	
34212					DD	2CP16C	E-356-8	
34213					DD	2CPN	E-356-7	
34214					DD	2CEV	E-356-7	
34215					CC	2CEV	E-347	
34216					U	2CEV	E-349-3	
34217					G	2CEV	E-335, 351-4	
34218					G	27703A	E-335, 351-4	
34219					G	JB2729	E-335	
34220					G	27703B	E-335, 418	
34220A			2CBF1194G	MVHP31 CONTROL CIRCUIT	A	18424A	E-332	
34220B					AB	18424A	E-332, 412	
34220C					B	18424A	E-412	
34221			2PBF1194A	MVHP31 POWER CIRCUIT	A	18225B	E-332	
34222					A	18225A	E-332	
34223					AB	18225A	E-412, 332	
34224					B	18225A	E-412	
34225			BF1194	MVHP31 CIRCUIT BREAKER (CH. 2)	B		E-412	
34226			CDF-11D	MVHP31 DISCONNECT SWITCH (CH. 2)	G		E-335, 418	
34227			EVHP31	MVHP31 TERMINAL BOX (CH. 2)	A		E-332	
34228			MVHP31	HPI PUMP 1-2 RECIRC ISO VLV (CH. 2)	A		E-332	
34229			NVHP31	MVHP31 LOCAL CONTROLLER (CH. 2)	A		E-332	
34300		HP32	1CBE1286B	MVHP32 CONTROL CIRCUIT	AB	18234A	E-412	
34301			1CBE1286C	MVHP32 CONTROL CIRCUIT	B	18231A	E-412	
34302					AB	18231A	E-412	
34303			1CBE1286D	MVHP32 CONTROL CIRCUIT	V	38071B	E-350	
34304					V	1CJM	E-350	
34305					V	1CFF	E-350	
34306					G	1CFF	E-336	
34307					AB	18232B	E-336	
34308					G	18232B	E-336	
34309					AB	18232B	E-412	
34310					AB	18232A	E-412	
34311					B	18232A	E-412	
34312			1CBE1286E	MVHP32 CONTROL CIRCUIT	AB	Nipple	E-412	
34313			1CBE1286F	MVHP32 CONTROL CIRCUIT	FF	1CP16A	E-356-8	
34314					DD	1CP16A	E-356-8	
34315					DD	1CPL	E-356-6	
34316					DD	1CJM	E-356-6	
34317					CC	1CJM	E-347	
34318					U	1CJM	E-349-3	
34319					V	1CJM	E-350, 349-3	

RACEWAY LEGEND (A) = 3-HR FIRE WRAP (B) = 1-HR FIRE WRAP (C) = RADIANT ENERGY SHIELD * = EMBEDDED CONDUIT

APPENDIX B-1

CIRCUIT/SUB-COMPONENT LOCATION SUMMARY BY SYSTEM

ID No.	SYSTEM	COMPONENT	CIRCUIT/ SUB-COMP	DESCRIPTION	FIRE AREA	RACEWAY	RACEWAY DRAWING	CHANGE NO/TYP
34320	HPIS	HP32	1CBE1286F	MVHP32 CONTROL CIRCUIT	V	38071B	E-350, 349-3	
34321			1PBE1286A	MVHP32 POWER CIRCUIT	AB	18230A	E-412	
34322					B	18230A	E-412	
34323			BE1286	MVHP32 CIRCUIT BREAKER (CH. 1)	B		E-412	
34323A			C5716	MVHP32 CONTROL ROOM PANEL (CH. 1)	FF		E-353	
34324			CDY-E2	MVHP32 DISCONNECT SWITCH (CH. 1)	V		E-350	
34325			EVHP32	MVHP32 TERMINAL BOX (CH. 1)	AB		E-412	
34326			MVHP32	HPI PUMP 1-1 RECIRC ISO VLV (CH. 1)	AB		E-412	
34327			NVHP32	MVHP32 LOCAL CONTROLLER (CH. 1)	AB		E-412	
34400		P197-1	1CBE1296B	MP1971 CONTROL CIRCUIT	B	18360A	E-412	
34401					AB	18360A	E-412	
34403			1CBE1296C	MP1971 CONTROL CIRCUIT	S	36521A	E-338	
34404					S	1CGZ	E-338	
34405					S	36090A	E-338, 418	
34406					S	1CGC	E-338, 418	
34407					S	JB3607	E-338, 418	
34408					S	36084B	E-338	
34409					DUCT	36084B*	E-337	
34410					E	1CEC	E-335	
34411					A	1CEC	E-335	
34412					A	27115	E-335	
34413					A	27115A*	E-333, 339	
34413A					II	27115A*	E-333, 339	
34413B					UU	27115A*	E-333, 339	
34414					CC	27115B*	E-339, 344, 356	
34414A					II	27115B*	E-339, 344, 356	
34414B					DD	27115B*	E-339, 344, 356	
34414C					DD	1CPL	E-356-6	
34415					DD	27115C	E-356-1	
34416					DD	1CJM	E-356-1	
34417					CC	1CJM	E-347	
34418					U	1CJM	E-349-3	
34419					V	1CJM	E-349-3, 350	
34420					V	1CFF	E-350	
34421					G	1CFF	E-336	
34422					G	18362A	E-336	
34423					B	18362A	E-412	
34424					AB	18362B	E-412	
34425			1PBE1296A	MP1971 POWER CIRCUIT	B	18361A	E-412	
34426					AB	18361A	E-412	
34427			AC111	MP1971 CIRCUIT BREAKER (INTLK) (CH. 1)	S		E-338	
34428			BE1296	MP1971 CIRCUIT BREAKER (CH. 1)	B		E-412	
34429			MP1971	HPI PUMP 1-1 AC LUBE OIL PUMP (CH. 1)	AB		E-412	
34430			NP1971	MP1971 LOCAL CONTROLLER (CH. 1)	AB		E-412	
34500		P197-2	1CD106B	MP1972 CONTROL CIRCUIT	Y	46281A	E-346	
34501					Y	1CKA	E-346	
34502					Y	46058B*	E-343,344,356-1	
34502A					X	46058B*	E-343,344,356-1	
34502B					DF	46058B*	E-343,344,355	
34502C					A	46058B*	E-343,344,355	
34502D					DD	46058B*	E-343,344,355	
34503					DD	46058A	E-356-1, 356-6	
34504					DD	1CPM	E-356-1, 356-6	
34505					DD	1CPT	E-356-6	
34506					DD	1CPL	E-356-6	
34507					DD	1CJM	E-356-6	
34508					CC	1CJM	E-347	
34509					U	1CJM	E-349-3	
34510					V	1CJM	E-350, 349-3	
34511					V	1CFF	E-350	
34512					G	1CFF	E-336	
34513					G	18362A	E-336	
34514					AB	18362E	E-412	
34515					AB	18362C	E-412	
34516					AB	18362A	E-412	
34517			1CD106C	MP1972 CONTROL CIRCUIT	S	36521A	E-338	
34518					S	1CGZ	E-338	
34519					S	1CGC	E-338	
34520					S	36356B	E-338	
34521					Y	36356B	E-346	
34522					Y	46281A	E-346	
34523					Y	1CKA	E-346	
34524			1CD106D	MP1972 CONTROL CIRCUIT	Y	46281A	E-346	
34525					Y	1CKA	E-346	
34526					Y	46058B*	E-343,344,356-1	
34526A					X	46058B*	E-343,344,356-1	
34526B					DF	46058B*	E-343,344,355	

RACEWAY LEGEND (A) = 3-HR FIRE WRAP (B) = 1-HR FIRE WRAP (C) = RADIANT ENERGY SHIELD * = EMBEDDED CONDUIT

APPENDIX B-1

CIRCUIT/SUB-COMPONENT LOCATION SUMMARY BY SYSTEM

ID No.	SYSTEM	COMPONENT	CIRCUIT/ SUB-COMP	DESCRIPTION	FIRE AREA	RACEWAY	RACEWAY DRAWING	CHANGE NO/TYP
34526C	HPIS	P197-2	1CD106D	MP1972 CONTROL CIRCUIT	A	46058B*	E-343,344,355	
34526D					DD	46058B*	E-343,344,355	
34527					DD	46058A	E-356-1, 356-6	
34528					DD	1CPM	E-356-1, 356-6	
34529					DD	1CPT	E-356-6	
34530					DD	1CPL	E-356-6	
34531					DD	1CJM	E-356-6	
34532					CC	1CJM	E-347	
34533					U	1CJM	E-349-3	
34534					V	1CJM	E-350	
34535					V	1CFF	E-350	
34536					G	1CFF	E-336	
34537					G	18362A	E-336	
34538					AB	18362D	E-412	
34539					AB	18362C	E-412	
34540					AB	18362A	E-412	
34541			1PD106A	MP1972 POWER CIRCUIT	A	47060D	E-332	
34542					AB	47060D	E-332, 412	
34543					A	47060C*	E-339, 333,330	
34543A					A	47060C*	E-330,333,339	
34543B					II	47060C*	E-330,333,339	
34543C					A	47060C*	E-330,333,339	
34544					II	47060B*	E-344, 339	
34544A					DF	47060B*	E-339, 344	
34545					DF	47060A*	E-339	
34546					DF	46068B	E-343, 344	
34546A					X	46068B	E-343,344	
34546B					II	46068B	E-343,344	
34546C					Y	46068B	E-343,344	
34547					Y	JB4640	E-346	
34548					Y	46068C	E-346	
34549			AC111	MP1972 CIRCUIT BREAKER (INTLK) (CH. 1)	S		E-338	
34550			D106	MP1972 MCC D1 CUBICLE (CH. 1)	Y		E-346	
34551			FPDS4957	MP1972 PRESSURE SWITCH (CH. 1)	AB		E-412	
34552			MP1972	HPI PUMP 1-1 DC LUBE OIL PUMP (CH. 1)	AB		E-412	
34553			NP1972	MP1972 LOCAL CONTROLLER (CH. 1)	AB		E-412	
34600		P198-1	2CBF1231B	MP1981 CONTROL CIRCUIT	X	46325A	E-346	
34601					X	2CKM	E-346	
34602					DD	2CKM	E-356-7	
34603					DD	2CPR	E-356-7	
34604					DD	2CKN	E-356-7	
34605					A	2CED	E-356-7	
34606					A	17750A	E-332,335,349-2	
34607					A	2CEG	E-332,335,349-2	
34608					A	JB1738	E-332	
34609					A	Nipple	E-332	
34610			2CBF1231C	MP1981 CONTROL CIRCUIT	X	46325A	E-346	
34611					X	2CKM	E-346	
34612					X	46892D	E-346	
34613					X	2CKL	E-346	
34614					X	46345A	E-346	
34615					Q	46345A	E-338	
34616					Q	36721A	E-338	
34617					Q	2CGE	E-338	
34618			2PBF1231A	MP1981 POWER CIRCUIT	X	47062A	E-346	
34618A					DF	47062A	E-346,347	
34619					DF	47062B*	E-344	
34619A					II	47062B*	E-339, 344	
34620					II	47062C*	E-330, 333, 339	
34620A					A	47062C*	E-333,333,339	
34620B					A	47062C*	E-333,333,339	
34620C					A	47062C*	E-333,333,339	
34621					A	47062D	E-332	
34622			2PBF1231D	MP1981 POWER CIRCUIT	A	47062E	E-332	
34623			AD111	MP1981 CIRCUIT BREAKER (INTLK) (CH. 2)	Q		E-338	
34624			BF1231	MP1981 CIRCUIT BREAKER (CH. 2)	X		E-346	
34625			JT1715	MP1981 TERMINAL BOX (CH. 2)	A		E-332	
34626			MP1981	HPI PUMP 1-2 AC LUBE OIL PUMP (CH. 2)	A		E-332	
34627			NP1981	MP1981 LOCAL CONTROLLER (CH. 2)	A		E-332	
34700		P198-2	2CD206B	MP1982 CONTROL CIRCUIT	X	46283A	E-346	
34701					X	2CKM	E-346	
34702					DD	2CKM	E-356-7	
34703					DD	2CPR	E-356-7	
34704					DD	2CKN	E-356-7	
34705					A	2CED	E-356-7	
34706					A	2CEG	E-332,335,349-2	
34707					A	17750A	E-332,335,349-2	

RACEWAY LEGEND (A) = 3-HR FIRE WRAP (B) = 1-HR FIRE WRAP (C) = RADIANT ENERGY SHIELD * = EMBEDDED CONDUIT

APPENDIX B-1

CIRCUIT/SUB-COMPONENT LOCATION SUMMARY BY SYSTEM

ID No.	SYSTEM	COMPONENT	CIRCUIT/ SUB-COMP	DESCRIPTION	FIRE AREA	RACEWAY	RACEWAY DRAWING	CHANGE NO/TYP
34708	HPIS	P198-2	2CD206B	MP1982 CONTROL CIRCUIT	A	JB1738	E-332	
34709					A	Nipple	E-332	
34710			2CD206C	MP1982 CONTROL CIRCUIT	X	46283A	E-346	
34711					X	2CKM	E-346	
34712					X	46892D	E-346	
34713					X	2CKL	E-346	
34714					X	46345A	E-346	
34715					Q	46345A	E-338	
34716					Q	36721A	E-338	
34717					Q	2CGE	E-338	
34718			2CD206D	MP1982 CONTROL CIRCUIT	X	46283A	E-346	
34719					X	2CKM	E-346	
34720					DD	2CKM	E-356-7	
34721					DD	2CPR	E-356-7	
34722					DD	2CKN	E-356-7	
34723					A	2CED	E-356-7	
34724					A	17750A	E-332,335,349-2	
34725					A	2CEG	E-332,335,349-2	
34726					A	JB1738	E-332	
34727					A	17750B	E-332	
34728			2PD206A	MP1982 POWER CIRCUIT	X	47061A	E-346	
34729					DF	47061A	E-346	
34730					DF	47061B*	E-339, 344	
34730A					II	47061B*	E-339, 344	
34731					II	47061C*	E-330, 333, 339	
34731A					A	47061C*	E-330,333,339	
34731B					A	47061C*	E-330,333,339	
34731C					A	47061C*	E-330,333,339	
34732					A	47061D	E-332	
34733			AD111	MP1982 CIRCUIT BREAKER (INTLK) (CH. 2)	Q		E-338	
34734			D206	MP1982 MCC D2 CUBICLE (CH. 2)	X		E-346	
34735			FPDS4961	MP1982 PRESSURE SWITCH (CH. 2)	A		E-332	
34736			MP1982	HPI PUMP 1-2 DC LUBE OIL PUMP (CH. 2)	A		E-332	
34737			NP1982	MP1982 LOCAL CONTROLLER (CH. 2)	A		E-332	
34800		P58-1	1CAC111B	MP0581 CONTROL CIRCUIT	FF	1CP16A	E-356-8	
34801					DD	1CP16A	E-356-8	
34802					DD	1CPL	E-356-1	
34803					DD	27123A	E-356-1	
34804					A	27123A	E-335	
34805					A	1CEB	E-335	
34806					E	1CEB	E-335	
34807					DUCT	36091B*	E-337, 342	
34808					S	36091B	E-338	
34809					S	JB3607	E-338	
34809A					S	36091A	E-338	A
34810					S	1CGC	E-338	
34812					S	36521A	E-338, 351-1	
34813					S	1CGZ	E-338	
34814			1CAC111C	MP0581 CONTROL CIRCUIT	FF	1CP16A	E-356-8	
34815					DD	1CP16A	E-356-8	
34816					DD	1CPL	E-356-6	
34817					DD	27123A	E-356-6	
34818					A	27123A	E-335	
34819					A	1CEB	E-335	
34821					E	1CEB	E-335	
34822					DUCT	36091B*	E-337, 342	
34823					S	36091B	E-338	
34824					S	JB3607	E-338	
34825					S	36091A	E-338	
34826					S	1CGC	E-338	
34827					S	36521A	E-338, 351-1	
34828					S	1CGZ	E-338	
34829			1CAC111E	MP0581 CONTROL CIRCUIT	AB	36006E	E-412	
34830					AB	36006D	E-412	
34831					AB	36006C*	E-330, 331	
34831A					A	36006C*	E-330, 331	
34832					A	36006B (A)	E-331, 332	
34833					DUCT	36006A*	E-337	
34834					S	36006	E-338	
34835					S	36521A	E-338, 351-1	
34836					S	1CGZ	E-338	
34837			1CAC111F	MP0581 CONTROL CIRCUIT	FF	1CP63C	E-424	
34838					DD	1CP63C	E-424	
34839					DD	1CPL	E-356-1, 356-6	
34840					DD	27123A	E-356-1, 356-6	
34841					A	27123A	E-335	
34842					A	1CEB	E-335	
34843					E	1CEB	E-335	

RACEWAY LEGEND (A) = 3-HR FIRE WRAP (B) = 1-HR FIRE WRAP (C) = RADIANT ENERGY SHIELD * = EMBEDDED CONDUIT

APPENDIX B-1

CIRCUIT/SUB-COMPONENT LOCATION SUMMARY BY SYSTEM

ID No.	SYSTEM	COMPONENT	CIRCUIT/ SUB-COMP	DESCRIPTION	FIRE AREA	RACEWAY	RACEWAY DRAWING	CHANGE NO/TYP
34844	HPIS	P58-1	1CAC111F	MP0581 CONTROL CIRCUIT	E	36091B	E-335, 342	
34845					DUCT	36091B*	E-337	
34846					S	JB3607	E-338	
34847					S	1CGC	E-338	
34849					S	36091A	E-338, 351-1	
34850					S	36521A	E-338, 351-1	
34851					S	1CGZ	E-338	
34852			1PAC111A	MP0581 POWER CIRCUIT	AB	36007D	E-412	
34853					AB	36007C*	E-330, 331	
34853A					A	36007C*	E-330, 331	
34854					A	36007B (A)	E-332	
34854A					DUCT	36007A*	E-337	
34855					S	36007A	E-337	
34856			AC111	MP0581 CIRCUIT BREAKER (CH. 1)	S		E-338	
34856A			C5716	MP0581 CONTROL ROOM PANEL (CH. 1)	FF		E-353	
34857			C5763C	MP0581 CONTROL ROOM PANEL (CH. 1)	FF		E-353	
34858			MP0581	HPI PUMP 1-1 (CH. 1)	AB		E-412	
34859			NP0581	MP0581 LOCAL CONTROLLER (CH. 1)	AB		E-412	
34900		P58-2	2CAD111B	MP0582 CONTROL CIRCUIT	FF	2CP16C	E-356-8	
34901					DD	2CP16C	E-356-8	
34902					DD	2CPN	E-356-7	
34903					DD	2CPP	E-356-7	
34904					DD	2CEA	E-356-7	
34905					A	2CEA	E-335, 349-2	
34906					A	2CEB	E-335	
34907					A	2CEC	E-335	
34908					F	2CEC	E-335	
34909					DUCT	36189B*	E-337, 342	
34910					Q	36189B	E-338	
34911					Q	JB3620	E-338, 418	
34912					Q	36189A	E-338, 418	
34913					Q	36721A	E-338, 351-2	
34914					Q	2CGE	E-338	
34915			2CAD111C	MP0582 CONTROL CIRCUIT	FF	2CP16C	E-356-8	
34916					DD	2CP16C	E-356-8	
34917					DD	2CPN	E-356-7	
34918					DD	2CPP	E-356-7	
34919					DD	2CEA	E-356-7	
34920					A	2CEA	E-335, 349-2	
34921					A	2CEB	E-335	
34922					A	2CEC	E-335	
34923					F	2CEC	E-335	
34924					DUCT	36189B*	E-337, 342	
34925					Q	36189B	E-338	
34926					Q	JB3620	E-338, 418	
34927					Q	36189A	E-338, 418	
34928					Q	36721A	E-338, 351-2	
34929					Q	2CGE	E-338	
34930			2CAD111E	MP0582 CONTROL CIRCUIT	A	36106C*	E-330	
34931					A	36106B	E-332	
34932					DUCT	36106A*	E-337	
34933					Q	36106	E-338	
34934					Q	36721A	E-338, 351-2	
34935					Q	2CGE	E-338	
34936					A	36106D	E-332	
34937					A	36106E	E-332	
34938			2CAD111F	MP0582 CONTROL CIRCUIT	A	2CEA	E-335, 349-2	
34939					A	2CEB	E-335	
34940					FF	2CP56C	E-424	
34941					DD	2CP56C	E-424	
34942					DD	2CPN	E-356-7	
34943					DD	2CPP	E-356-7	
34944					DD	2CEA	E-356-7	
34945					A	2CEC	E-335	
34946					F	2CEC	E-335	
34947					DUCT	36189B*	E-337, 342	
34948					Q	36189B	E-338	
34949					Q	JB3620	E-338, 418	
34950					Q	36189A	E-338, 418	
34951					Q	36721A	E-338, 351-2	
34952					Q	2CGE	E-338	
34953			2PAD111A	MP0582 POWER CIRCUIT	DUCT	36107A*	E-337	
34954					A	36107B	E-332	
34955					A	36107C*	E-330	
34956					Q	36107A*	E-337	
34957					A	36107D	E-332	
34958			AD111	MP0582 CIRCUIT BREAKER (INTLK) (CH. 2)	Q		E-338	
34959			C5756C	MP0582 CONTROL ROOM PANEL (CH. 2)	FF		E-353	

RACEWAY LEGEND (A) = 3-HR FIRE WRAP (B) = 1-HR FIRE WRAP (C) = RADIANT ENERGY SHIELD * = EMBEDDED CONDUIT

APPENDIX B-1

CIRCUIT/SUB-COMPONENT LOCATION SUMMARY BY SYSTEM

ID No.	SYSTEM	COMPONENT	CIRCUIT/ SUB-COMP	DESCRIPTION	FIRE AREA	RACEWAY	RACEWAY DRAWING	CHANGE NO/TYP
34960	HPIS	P58-2	MP0582	HPI PUMP 1-2 (CH. 2)	A		E-332	
34961			NP0582	MP0582 LOCAL CONTROLLER (CH. 2)	A		E-332	
37019	HVAC	C100	ACBE1203B	TRAVEL SCREEN AREA VENT.(B/U SW PUMP RM)	BE	30843A	E-361	
37020					BD	30843A	E-361	
37021					BD	JB3053	E-361	
37022					BD	30843F	E-361	
37015			APBE1203A	TRAVEL SCREEN AREA VENT.(B/U SW PUMP RM)	BE	30842E	E-361	
37016					BD	30842E	E-361	
37017					BD	JB3051	E-361	
37018					BD	30842D	E-361	
37023			BE12D	MC0100 CIRCUIT BREAKER	BE		E-361	
37025			BSW100	DISCONNECT SWITCH FOR C100	BD		E-361	
37024			NC0100	MC0100 LOCAL CONTROLLER	BD		E-361	
35001		C133	2CBF1204B	NC0133 CONTROL CIRCUIT	X	46732B	E-346	
35002					X	46732A	E-346	
35003					X	46729A	E-346	
35004					X	2CKM	E-346	
35005			2CBF1204C	MC0133 CONTROL CIRCUIT	X	46732C	E-346	
35006					X	46732A	E-346	
35007					X	46729A	E-346	
35008					X	2CKM	E-346	
35000			2PBF1204A	MC0133 POWER CIRCUIT	EE	46726A	E-346	
35009					X	46726A	E-413	
35010					EE	JB5640	E-413	
35011					EE	46726B	E-413	
35012					X	46726B	E-413	
35013			BF1204	MC0133 CIRCUIT BREAKER (CH. 2)	X		E-346	
35014			FTS5315	MC0133 TEMPERATURE SWITCH (CH. 2)	X		E-346	
35015			MC0133	LOW VOLTAGE SWGR RM VENT FAN 1-2 (CH. 2)	X		E-413	
35016			NC0133	MC0133 LOCAL CONTROLLER (CH. 2)	X		E-346	
35100		C25-1	1CBE1255B	MC0251 CONTROL CIRCUIT	K	36970C	E-338	
35101					K	36970A	E-338	
35102					K	36958A	E-338	
35103					K	1CGP	E-338	
35104			1CBE1255C	MC0251 CONTROL CIRCUIT	K	36960A	E-338	
35105					K	36958A	E-338	
35106					K	1CGP	E-338	
35107			1CBE1255D	MC0251 CONTROL CIRCUIT	K	36975A	E-338	
35108					K	36958A	E-338	
35109					K	1CGP	E-338	
35110			1PBE1255A	MC0251 POWER CIRCUIT	K	36956A	E-338	
35111			BE1255	MC0251 CIRCUIT BREAKER (CH. 1)	K		E-338	
35112			C3621	MC0251 ENGINE CTRL PANEL (CH. 1)	K		E-338	
35113			MC0251	EDG RM 1 VENTILATION FAN 1 (CH. 1)	K		E-338	
35114			NC0251	MC0251 LOCAL CONTROLLER (CH. 1)	K		E-338	
35115			RC3605	MC0251 RELAY CABINET (CH. 1)	K		E-338	
35200		C25-2	1CBE1256B	MC0252 CONTROL CIRCUIT	K	36970B	E-338	
35201					K	36970A	E-338	
35202					K	36958A	E-338	
35203					K	1CGP	E-338	
35204			1CBE1256C	MC0252 CONTROL CIRCUIT	K	36960A	E-338	
35205					K	36958A	E-338	
35206					K	1CGP	E-338	
35207			1CBE1256D	MC0252 CONTROL CIRCUIT	K	36975A	E-338	
35208					K	36958A	E-338	
35209					K	1CGP	E-338	
35210			1PBE1256A	MC0252 POWER CIRCUIT	K	36957A	E-338	
35211			BE1256	MC0252 CIRCUIT BREAKER (CH. 1)	K		E-338	
35212			C3621	MC0252 ENGINE CTRL PNL (CH. 1)	K		E-338	
35213			MC0252	EDG RM 1 VENTILATION FAN 2 (CH. 1)	K		E-338	
35214			NC0252	MC0252 LOCAL CONTROLLER (CH. 1)	K		E-338	
35215			RC3605	MC0252 RELAY CABINET (CH. 1)	K		E-338	
35300		C25-3	2CBF1255B	MC0253 CONTROL CIRCUIT	J	36925C	E-338	
35301					J	36925A	E-338	
35302					J	36900A	E-338	
35303					J	2CGS	E-338	
35304			2CBF1255C	MC0253 CONTROL CIRCUIT	J	36915A	E-338	
35305					J	36900A	E-338	
35306					J	2CGS	E-338	
35307			2CBF1255D	MC0253 CONTROL CIRCUIT	J	36909A	E-338	
35308					J	36900A	E-338	
35309					J	2CGS	E-338	
35310			2PBF1255A	MC0253 POWER CIRCUIT	J	36902A	E-338	
35311			BF1255	MC0253 CIRCUIT BREAKER (CH. 2)	J		E-338	

RACEWAY LEGEND (A) = 3-HR FIRE WRAP (B) = 1-HR FIRE WRAP (C) = RADIANT ENERGY SHIELD * = EMBEDDED CONDUIT

APPENDIX B-1

CIRCUIT/SUB-COMPONENT LOCATION SUMMARY BY SYSTEM

ID No.	SYSTEM	COMPONENT	CIRCUIT/ SUB-COMP	DESCRIPTION	FIRE AREA	RACEWAY	RACEWAY DRAWING	CHANGE NO/TYP
35312	HVAC	C25-3	C3622	MC0253 ENGINE CTRL PANEL (CH. 2)	J		E-338	
35313			MC0253	EDG RM 2 VENTILATION FAN 3 (CH. 2)	J		E-338	
35314			NC0253	MC0253 LOCAL CONTROLLER (CH. 2)	J		E-338	
35315			RC3606	MC0253 RELAY CABINET (CH. 2)	J		E-338	
35400		C25-4	2CBF1256B	MC0254 CONTROL CIRCUIT	J	36925B	E-338	
35401					J	36925A	E-338	
35402					J	36900A	E-338	
35403					J	2CGS	E-338	
35404			2CBF1256C	MC0254 CONTROL CIRCUIT	J	36915A	E-338	
35405					J	36900A	E-338	
35406					J	2CGS	E-338	
35407			2CBF1256D	MC0254 CONTROL CIRCUIT	J	36909A	E-338	
35408					J	36900A	E-338	
35409					J	2CGS	E-338	
35410			2PBF1256A	MC0254 POWER CIRCUIT	J	36901A	E-338	
35411			BF1256	MC0254 CIRCUIT BREAKER (CH. 2)	J		E-338	
35412			C3622	MC0254 ENGINE CTRL PANEL (CH. 2)	J		E-338	
35413			MC0254	EDG RM 2 VENTILATION FAN 4 (CH. 2)	J		E-338	
35414			NC0254	MC0254 LOCAL CONTROLLER (CH. 2)	J		E-338	
35415			RC3606	MC0254 RELAY CABINET (CH. 2)	J		E-338	
36000		C71-1	1CBE1217B	MC0711 CONTROL CIRCUIT	Y	46549B	E-346	
36001					Y	46549A	E-346	
36002					Y	46542A	E-346	
36003					Y	1CKA	E-346	
36004			1CBE1217C	MC0711 CONTROL CIRCUIT	Y	46549C	E-346	
36005					Y	46549A	E-346	
36006					Y	46542A	E-346	
36007					Y	1CKA	E-346	
36008			1CBE1217E	MC0711 CONTROL CIRCUIT	AB	38132A	E-350	
36009					AB	1CJP	E-350	
36010					V	1CJP	E-350	
36011					V	1CJM	E-349-3, 350	
36012					U	1CJM	E-349-3	
36013					U	37525A	E-349-3	
36014					U	1CDB	E-349-3	
36016					G	1CDB	E-335	
36017					G	27142A	E-335	
36019					A	27142A	E-335	
36020					A	1CEB	E-335	
36021					E	1CEB	E-335	
36022					DUCT	36079B*	E-337, 342	
36023					S	36079B	E-338	
36024					S	JB3607	E-338, 418	
36025					S	36079A	E-338, 418	
36026					S	1CGC	E-338	
36027					S	36357A	E-338	
36028					Y	36357A	E-346	
36029					Y	46542A	E-346	
36030					Y	1CKA	E-346	
36031			1PBE1217A	MC0711 POWER CIRCUIT	Y	46535A	E-346	
36032			BE1217	MC0711 CIRCUIT BREAKER (CH. 1)	Y		E-346	
36033			FTS5318	MC0711 TEMPERATURE SWITCH (CH. 1)	Y		E-346	
36034			MC0711	LOW VOLTAGE SWGR RM VENT FAN 1-1 (CH. 1)	Y		E-346	
36035			NC0711	MC0711 LOCAL CONTROLLER (CH. 1)	Y		E-346	
36036			RC3801	MC0711 RELAY CABINET (CH. 1)	AB		E-350	
36100		C73-1	1CBE1222B	MC0731 CONTROL CIRCUIT	E	27309F	E-335	
36101					E	1CEX	E-335	
36102					E	27300A	E-335	
36103					E	JB2708	E-335	
36104					E	1CEA	E-335	
36105					E	27300B	E-335	
36106					DUCT	36083B*	E-337, 342	
36107					S	36083B	E-338	
36108					S	JB3607	E-338, 418	
36109					S	36083A	E-338, 418	
36110					S	1CGC	E-338	
36111					S	36356A	E-338	
36112					Y	36356A	E-346	
36113					Y	46540A	E-346	
36114					Y	1CKA	E-346	
36115			1CBE1222C	MC0731 CONTROL CIRCUIT	E	27300C	E-335	
36116					E	1CEA	E-335	
36117					DUCT	36083B*	E-337, 342	
36118					S	36083B	E-338	
36119					S	JB3607	E-338, 418	
36120					S	36083A	E-338, 418	

RACEWAY LEGEND (A) = 3-HR FIRE WRAP (B) = 1-HR FIRE WRAP (C) = RADIANT ENERGY SHIELD * = EMBEDDED CONDUIT

APPENDIX B-1

CIRCUIT/SUB-COMPONENT LOCATION SUMMARY BY SYSTEM

ID No.	SYSTEM	COMPONENT	CIRCUIT/ SUB-COMP	DESCRIPTION	FIRE AREA	RACEWAY	RACEWAY DRAWING	CHANGE NO/TYP
36121	HVAC	C73-1	1CBE1222C	MC0731 CONTROL CIRCUIT	S	1CGC	E-338	
36122					S	36356A	E-338	
36123					Y	36356A	E-346	
36124					Y	46540A	E-346	
36125					Y	1CKA	E-346	
36126			1PBE1222A	MC0731 POWER CIRCUIT	E	27295A	E-335	
36127					E	JB2754	E-335	
36128					E	36092C	E-335	
36129					E	JB2764	E-335	
36130					E	36092B	E-335	
36131					DUCT	36092B*	E-337, 342	
36132					S	36092B	E-338	
36133					S	JB3607	E-338, 418	
36134					S	36092A	E-338, 351-1	
36135					Y	36092A	E-351-1	
36136					Y	JB4601	E-346	
36137					Y	46532A	E-346	
36138			BE1222	MC0731 CIRCUIT BREAKER (CH. 1)	Y		E-346	
36139			FTS5135	MC0731 TEMPERATURE SWITCH (CH. 1)	E		E-335	
36140			MC0731	AUX FD PUMP RM VENT FAN 1-1 (CH. 1)	E		E-335	
36141			NC0731	MC0731 LOCAL CONTROLLER (CH. 1)	E		E-335	
36200		C73-2	2CBF1205B	MC0732 CONTROL CIRCUIT	F	27310B	E-335	
36201					F	27310A	E-335	
36202					F	2CEC	E-335	
36203					DUCT	36189B*	E-337, 342	
36204					Q	36189B	E-338	
36205					Q	JB3620	E-338, 418	
36206					Q	36189A	E-338, 418	
36207					Q	2CGE	E-338	
36208					Q	36728A	E-338	
36209					X	36728A	E-346	
36210					X	46892A	E-346	
36211					X	2CKL	E-346	
36212					X	46728A	E-346	
36213					X	2CKM	E-346	
36214			2CBF1205C	MC0732 CONTROL CIRCUIT	F	27310C	E-335	
36215					F	27310A	E-335	
36216					F	2CEC	E-335	
36217					DUCT	36189B*	E-337, 342	
36218					Q	36189B	E-338	
36219					Q	JB3620	E-338, 418	
36220					Q	36189A	E-338, 418	
36221					Q	2CGE	E-338	
36222					Q	36728A	E-338	
36223					X	36728A	E-346	
36224					X	46892A	E-346	
36225					X	2CKL	E-346	
36226					X	46728A	E-346	
36227					X	2CKM	E-346	
36228			2PBF1205A	MC0732 POWER CIRCUIT	F	46005C	E-335	
36229					A	46005C	E-335	
36230					F	36180C	E-335	
36231					F	JB2755	E-335	
36232					A	46005B*	E-337, 342, 342	
36232A					A	46005B*	E-333,337,342	
36232B					DUCT	46005B*	E-333,337,342	
36233					Q	46005A	E-338	
36234					Q	JB3620	E-338, 418	
36235					Q	36190A	E-338, 418	
36236					X	36190A	E-346	
36239			BF1205	MC0732 CIRCUIT BREAKER (CH. 2)	X		E-346	
36240			FTS5136	MC0732 TEMPERATURE SWITCH (CH. 2)	F		E-335	
36241			MC0732	AUX FD PUMP RM VENT FAN 1-2 (CH. 2)	F		E-335	
36242			NC0732	MC0732 LOCAL CONTROLLER (CH. 2)	F		E-335	
36500		C78-1	1CBE1285B	MC0781 CONTROL CIRCUIT	Y	46243A	E-346	
36501					Y	46243A	E-346	
36502					Y	JT4615	E-346	
36503					Y	46369A	E-346	
36504					Y	46369A	E-346	
36505					Y	1CKA	E-346	
36506					Y	36357A	E-346	
36507					S	36357A	E-338	
36508					S	1CGC	E-338	
36509					S	36040A	E-338	
36510					DUCT	36040B*	E-337, 341	
36511					K	36040B	E-338	
36512					K	JB3637	E-338	

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APPENDIX B-1

CIRCUIT/SUB-COMPONENT LOCATION SUMMARY BY SYSTEM

ID No.	SYSTEM	COMPONENT	CIRCUIT/ SUB-COMP	DESCRIPTION	FIRE AREA	RACEWAY	RACEWAY DRAWING	CHANGE NO/TYP
36513	HVAC	C78-1	1CBE1285B	MC0781 CONTROL CIRCUIT	K	36040C	E-338	
36514					K	36953A	E-338	
36515					K	1CGP	E-338	
36516			1CBE1285C	MC0781 CONTROL CIRCUIT	Y	46369A	E-346	
36517					Y	46369A	E-346	
36518					Y	1CKA	E-346	
36519					Y	36357A	E-346	
36520					S	36357A	E-338	
36521					S	1CGC	E-338	
36522					S	36040A	E-338	
36523					DUCT	36040B*	E-337, 341	
36524					K	36040B	E-338	
36525					K	JB3637	E-338	
36526					K	36040C	E-338	
36527					K	36953A	E-338	
36528					K	1CGP	E-338	
36529			1CBE1285D	MC0781 CONTROL CIRCUIT	Y	46240A	E-346	
36530			1PBE1285A	MC0781 POWER CIRCUIT	Y	36042	E-346	
36531					Y	36042	E-346	
36532					S	36042	E-338	
36533					S	36042A	E-338	
36534					DUCT	36042B*	E-337, 341	
36535					K	36042B	E-338	
36536					K	36042C	E-338	
36537			BE1285	MC0781 CIRCUIT BREAKER (CH. 1)	K		E-338	
36538			JT4615	MC0781 TERMINAL BOX (CH. 1)	Y		E-346	
36539			MC0781	BATTERY RM A VENT FAN 1-1 (CH. 1)	Y		E-346	
36540			NC0781	MC0781 LOCAL CONTROLLER (CH. 1)	Y		E-346	
36600		C78-2	2CBF1259B	MC0782 CONTROL CIRCUIT	X	46242A	E-346	
36601					X	46242A	E-346	
36602					X	JT4616	E-346	
36603					X	46275A	E-346	
36604					X	46275A	E-346	
36605					X	2CKL	E-346	
36606					X	36729A	E-346	
36607					Q	36729A	E-338	
36608					Q	2CGE	E-338	
36609					Q	36175A	E-338	
36610					DUCT	36175B*	E-337	
36611					J	36175C	E-338	
36612					J	36905A	E-338	
36613					J	2CGS	E-338	
36614			2CBF1259C	MC0782 CONTROL CIRCUIT	X	46275A	E-346	
36615					X	46275A	E-346	
36616					X	46241A	E-346	
36617					X	JT4616	E-346	
36618					X	2CKL	E-346	
36619					X	36729A	E-346	
36620					Q	36729A	E-338	
36621					Q	2CGE	E-338	
36622					Q	36175A	E-338	
36623					Q	36175B	E-337	
36624					J	36175B	E-337	
36625					J	36175C	E-338	
36626					J	36905A	E-338	
36627					J	2CGS	E-338	
36628			2PBF1259A	MC0782 POWER CIRCUIT	X	36368A	E-346	
36629					X	36368A	E-346	
36630					Q	36368A	E-338	
36631					J	36368A	E-338	
36632					J	36368A	E-338	
36633			BF1259	MC0782 CIRCUIT BREAKER (CH. 2)	J		E-338	
36634			MC0782	BATTERY ROOM VENT FAN 1-2 (CH. 2)	X		E-346	
36635			NC0782	MC0782 LOCAL CONTROLLER (CH. 2)	X		E-346	
36700		C99-1	1CBE1212B	MC9901 CONTROL CIRCUIT	BF	30620D	E-361	
36701					BF	30620F	E-361	
36702					BE	30620F	E-361	
36703			1CBE1212C	MC9901 CONTROL CIRCUIT	BF	30620E	E-361	
36704					BF	30620F	E-361	
36705					BE	30620F	E-361	
36706			1PBE1212A	MC9901 POWER CIRCUIT	BF	30620C	E-361	
36707					BE	30620C	E-361	
36708					BE	30620A	E-361	
36709			BE1212	MC9901 CIRCUIT BREAKER (CH. 1)	BE		E-361	
36710			MC9901	SWS PUMP RM EXH FAN 1 (CH. 1)	BF		E-361	
36711			NC9901	MC9901 LOCAL CONTROLLER (CH. 1)	BF		E-361	
36712			TS4688	MC9901 TEMPERATURE SWITCH (CH. 1)	BF		E-361	

RACEWAY LEGEND (A) = 3-HR FIRE WRAP (B) = 1-HR FIRE WRAP (C) = RADIANT ENERGY SHIELD * = EMBEDDED CONDUIT

APPENDIX B-1

CIRCUIT/SUB-COMPONENT LOCATION SUMMARY BY SYSTEM

ID No.	SYSTEM	COMPONENT	CIRCUIT/ SUB-COMP	DESCRIPTION	FIRE AREA	RACEWAY	RACEWAY DRAWING	CHANGE NO/TYP
36800	HVAC	C99-2	1CBE1205B	MC9902 CONTROL CIRCUIT	BF	30620D	E-361	
36801					BF	30620F	E-361	
36802					BE	30620F	E-361	
36806			1PBE1205A	MC9902 POWER CIRCUIT	BE	30620B	E-361	
36806A					BF	30620B	E-361	
36807					BE	30620A	E-361	
36808			BE1205	MC9902 CIRCUIT BREAKER (CH. 1)	BE		E-361	
36809			MC9902	SWS PUMP RM EXH FAN 2 (CH. 1)	BF		E-361	
36810			NC9901	MC9902 LOCAL CONTROLLER (CH. 1)	BF		E-361	
36811			TS4688	MC9902 TEMPERATURE SWITCH (CH. 1)	BF		E-361	
36900		C99-3	2CBF1211B	MC9903 CONTROL CIRCUIT	BF	30849D	E-361	
36901					BF	30849F	E-361	
36902			2CBF1211C	MC9903 CONTROL CIRCUIT	BF	30849E	E-361	
36903					BF	30849F	E-361	
36904			2PBF1211A	MC9903 POWER CIRCUIT	BF	30849C	E-361	
36905					BF	30849A	E-361	
36906			BF1211	MC9903 CIRCUIT BREAKER (CH.2)	BF		E-361	
36907			MC9903	SWS PUMP RM EXH FAN 3 (CH. 2)	BF		E-361	
36908			NC9903	MC9903 LOCAL CONTROLLER (CH.2)	BF		E-361	
36909			TS4689	MC9903 TEMPERATURE SWITCH (CH.2)	BF		E-361	
37000		C99-4	2CBF1236B	MC9904 CONTROL CIRCUIT	BF	30849D	E-361	
37001					BF	30849F	E-361	
37004			2PBF1236A	MC9904 POWER CIRCUIT	BF	30849B	E-361	
37005					BF	30849A	E-361	
37006			BF1236	MC9904 CIRCUIT BREAKER (CH. 2)	BF		E-361	
37007			MC9904	SWS PUMP RM EXH FAN 4 (CH. 2)	BF		E-361	
37008			NC9903	MC9904 LOCAL CONTROLLER (CH. 2)	BF		E-361	
37009			TS4689	MC9904 TEMPERATURE SWITCH (CH. 2)	BF		E-361	
37200		HV0531A	ACMV0531A	AIR IN LVR FOR B/U SW PUMP	BE	30843A	E-361	
37201					BD	30843A	E-361	
37202					BD	JB3053	E-361	
37203					BD	30550A	E-361	
37204					BD	30550B	E-361	
37205			E12D	PANEL E12D	BD		E-361	
37206			MV0531A	HV0531A MOTOR	BD		E-361	
37210		HV0532A	ACMV0531B	AIR IN LVR FOR B/U SW PUMP	BE	30843A	E-361	
37211					BD	30843A	E-361	
37212					BD	JB3053	E-361	
37213					BD	30550A	E-361	
37214					BD	30550C	E-361	
37215			E12D	PANEL E12D	BD		E-361	
37216			MV0532A	MV0532A MOTOR	BD		E-361	
37300		HV5305	1CYE104B	MV5305 CONTROL CIRCUIT	Y	46542A	E-346	
37301					Y	1CKA	E-346	
37302					Y	36357C	E-346	
37303					S	36357C	E-338	
37304					S	1CGC	E-338	
37305					S	36075A	E-338	
37306					DUCT	36075B*	E-337	
37307					K	36075C	E-338	
37308					K	36366A	E-338	
37309					K	1CGP	E-338	
37310			1PYE104A	MV5305 POWER CIRCUIT	Y	36898A	E-346	
37311					S	36898A	E-338	
37312					Q	36898A	E-338	
37313					P	36898A	E-338	
37314					K	36898A	E-338	
37315			MV5305	LOW VOLT SWGR RM VENT FN 1 DAMPER	Y		E-346	
37316			YE104	MV5305 CIRCUIT BREAKER (CH. 1)	K		E-338	
37400		HV5305A	1CBE1240B	MV5305A CONTROL CIRCUIT	Y	46203A	E-346	
37401					Y	1CKA	E-346	
37403					Y	46546A	E-346	
37404			1CBE1240C	MV5305A CONTROL CIRCUIT	Y	46204A	E-346	
37405					Y	1CKA	E-346	
37406					Y	46203A	E-346	
37407			1CBE1240D	MV5305A CONTROL CIRCUIT	Y	Nipple	E-346	
37408			1CBE1240E	MV5305A CONTROL CIRCUIT	AB	38132A	E-350	
37409					AB	1CJP	E-350	
37410					V	1CJP	E-350	
37411					V	1CJM	E-350, 349-3	
37412					U	1CJM	E-349-3	
37413					CC	1CJM	E-347	
37414					DD	1CJM	E-356-6	

RACEWAY LEGEND (A) = 3-HR FIRE WRAP (B) = 1-HR FIRE WRAP (C) = RADIANT ENERGY SHIELD * = EMBEDDED CONDUIT

APPENDIX B-1

CIRCUIT/SUB-COMPONENT LOCATION SUMMARY BY SYSTEM

ID No.	SYSTEM	COMPONENT	CIRCUIT/ SUB-COMP	DESCRIPTION	FIRE AREA	RACEWAY	RACEWAY DRAWING	CHANGE NO/TYP
37415	HVAC	HV5305A	1CBE1240E	MV5305A CONTROL CIRCUIT	DD	1CPL	E-356-1	
37416					DD	46051A	E-356-1	
37417					DD	46051B*	E-343,344,355	
37417A					A	46051B*	E-343, 344, 355	
37417B					DF	46051B*	E-343, 344, 355	
37417C					X	46051B*	E-343, 344, 355	
37417D					Y	46051B*	E-343, 344, 355	
37418					Y	1CKD	E-346	
37419					Y	46546A	E-346	
37420					Y	1CKA	E-346	
37421			1PBE1240A	MV5305A POWER CIRCUIT	Y	46201D	E-346	
37422					Y	46201C	E-346	
37423					Y	46201A	E-346	
37424			BE1240	MV5305A CIRCUIT BREAKER (CH. 1)	Y		E-346	
37425			EV5305A	MV5305A TERMINAL BOX (CH. 1)	Y		E-346	
37426			MV5305A	LOW VOLT SWGR RM 429 VENT DAMPER	Y		E-346	
37427			NV5305A	MV5305A LOCAL CONTROLLER (CH. 1)	Y		E-346	
37428			RC3801	MV5305A RELAY CABINET (CH. 1)	AB		E-350	
37500		HV5305B	1CBE1241B	MV5305B CONTROL CIRCUIT	Y	46203A	E-346	
37501					Y	46546A	E-346	
37502					Y	1CKA	E-346	
37503			1CBE1241C	MV5305B CONTROL CIRCUIT	Y	46204B	E-346	
37504					Y	46203A	E-346	
37505					Y	1CKA	E-346	
37506			1CBE1241D	MV5305B CONTROL CIRCUIT	Y	Nipple	E-346	
37416A			1CBE1241E	MV5305B CONTROL CIRCUIT	A	46051B*	E-343, 344, 355	
37416B					DF	46051B*	E-343, 344, 355	
37416C					X	46051B*	E-343, 344, 355	
37416D					Y	46051B*	E-343, 344, 355	
37507					AB	38132A	E-350	
37508					AB	1CJP	E-350	
37509					V	1CJP	E-350	
37510					V	1CJM	E-349-3, 350	
37511					U	1CJM	E-349-3	
37512					CC	1CJM	E-347	
37513					DD	1CJM	E-356-6	
37514					DD	1CPL	E-356-1, 356-6	
37515					DD	46051A	E-356-1, 356-6	
37516					DD	46051B*	E-343,344,355	
37516A					A	46051B*	E-343, 344, 355	
37516B					DF	46051B*	E-343, 344, 355	
37516C					X	46051B*	E-343, 344, 355	
37516D					Y	46051B*	E-343, 344, 355	
37517					Y	1CKD	E-346	
37518					Y	46546A	E-346	
37519					Y	1CKA	E-346	
37520			1PBE1241A	MV5305B POWER CIRCUIT	Y	46201E	E-346	
37521					Y	46201C	E-346	
37522					Y	46201A	E-346	
37523			BE1241	MV5305B CIRCUIT BREAKER (CH. 1)	Y		E-346	
37524			EV5305A	MV5305B TERMINAL BOX (CH. 1)	Y		E-346	
37525			MV5305B	LOW VOLT SWGR RM 429 VENT DAMPER	Y		E-346	
37526			NV5305B	MV5305B LOCAL CONTROLLER (CH. 1)	Y		E-346	
37527			RC3801	MV5305B RELAY CABINET (CH. 1)	AB		E-350	
37600		HV5314	2CYF104B	MV5314 CONTROL CIRCUIT	X	46729A	E-346	
37601					X	46892D	E-346	
37602					X	2CKM	E-346	
37603					X	2CKL	E-346	
37604					X	36748B	E-346	
37605					Q	36748B	E-338	
37606					Q	36176A	E-338	
37607					Q	2CGE	E-338	
37608					DUCT	36176B*	E-337	
37609					J	36176C	E-338	
37610					J	36367A	E-338	
37611					J	2CGS	E-338	
37612			2PYF104A	MV5314 POWER CIRCUIT	EE	36899A	E-413	
37613					X	36899A	E-346	
37614					P	36899A	E-338	
37615					K	36899A	E-338	
37616					J	36899A	E-338	
37617			MV5314	LOW VOLT SWGR RM VENT FN 2 DAMPER	EE		E-413	
37618			YF104	MV5314 CIRCUIT BREAKER (CH. 2)	J		E-338	
37700		HV5314A	2CBF1239B	MV5314A CONTROL CIRCUIT	X	46202A	E-346	
37701					X	46892C	E-346	
37702					X	2CKL	E-346	

RACEWAY LEGEND (A) = 3-HR FIRE WRAP (B) = 1-HR FIRE WRAP (C) = RADIANT ENERGY SHIELD * = EMBEDDED CONDUIT

APPENDIX B-1

CIRCUIT/SUB-COMPONENT LOCATION SUMMARY BY SYSTEM

ID No.	SYSTEM	COMPONENT	CIRCUIT/ SUB-COMP	DESCRIPTION	FIRE AREA	RACEWAY	RACEWAY DRAWING	CHANGE NO/TYP
37703	HVAC	HV5314A	2CBF1239B	MV5314A CONTROL CIRCUIT	X	46739C	E-346	
37704					X	2CKM	E-346	
37705			2CBF1239C	MV5314A CONTROL CIRCUIT	X	46205A	E-346	
37706			2CBF1239D	MV5314A CONTROL CIRCUIT	X	Nipple	E-346	
37707			2PBF1239A	MV5314A POWER CIRCUIT	X	46955A	E-346	
37708			BF1239	MV5314A CIRCUIT BREAKER (CH. 2)	X		E-346	
37709			EV5314A	MV5314A TERMINAL BOX (CH. 2)	X		E-346	
37710			MV5314A	LOW VOLT SWGR RM 428 VENT DAMPER	X		E-346	
37711			NV5314A	MV5314A LOCAL CONTROLLER (CH. 2)	X		E-346	
37800		HV5329A	1CYE101B	MV5329A CONTROL CIRCUIT	K	36360C	E-338	
37801					K	36360A	E-338	
37802					K	36366A	E-338	
37803					K	1CGP	E-338	
37804			1CYE101C	MV5329A CONTROL CIRCUIT	K	36975A	E-338	
37805					K	36366A	E-338	
37806					K	1CGP	E-338	
37807			1LGD109A	MV5329A INSTR CIRCUIT (LTE5329 INTLK)	K	36583A	E-338	
37808					K	36583E	E-338	
37809					K	36583G	E-338	
37810			1LGD109B	MV5329A INSTR CIRCUIT (TC5329 INTLK)	K	36583C	E-338	
37811					K	36583D	E-338	
37812					K	36583G	E-338	
37813			1PYE101A	MV5329A POWER CIRCUIT	K	36358E	E-338	
37814					K	36358C	E-338	
37815					K	36358A	E-338	
37816			C3615	EDG 1-1 ELECT CONTROL & RELAY PANEL	K		E-338	
37817			LTE5329	MV5329A TEMPERATURE ELEMENT (CH. 1)	K		E-338	
37818			MV5329A	EDG RM 1 MODULATING DAMPER (CH. 1)	K		E-338	
37819			NV5329A	MV5329A LOCAL CONTROLLER (CH. 1)	K		E-338	
37820			RC3605	MV5329A RELAY CABINET (CH. 1)	K		E-338	
37821			YE101	MV5329A CIRCUIT BREAKER (CH. 1)	K		E-338	
37900		HV5329B	1CYE102B	MV5329B CONTROL CIRCUIT	K	36360B	E-338	
37901					K	36360A	E-338	
37902					K	36366A	E-338	
37903					K	1CGP	E-338	
37904			1CYE102C	MV5329B CONTROL CIRCUIT	K	36975A	E-338	
37905					K	36366A	E-338	
37906					K	1CGP	E-338	
37907			1LGD109C	MV5329B INSTR CIRCUIT (TC5329 INTLK)	K	36583B	E-338	
37908					K	36583D	E-338	
37909					K	36583G	E-338	
37910			1PYE102A	MV5329B POWER CIRCUIT	K	36358D	E-338	
37911					K	36358C	E-338	
37912					K	36358A	E-338	
37913			C3615	EDG 1-1 ELECT CONTROL & RELAY PANEL	K		E-338	
37914			MV5329B	EDG RM 1 MODULATING DAMPER (CH. 1)	K		E-338	
37915			NV5329B	MV5329B LOCAL CONTROLLER (CH. 1)	K		E-338	
37916			RC3605	MV5329B RELAY CABINET (CH. 1)	K		E-338	
37917			YE102	MV5329B CIRCUIT BREAKER (CH. 1)	K		E-338	
38000		HV5329C	1CYE103B	MV5329C CONTROL CIRCUIT	K	36365A	E-338	
38001					K	36366A	E-338	
38002					K	1CGP	E-338	
38003			1CYE103C	MV5329C CONTROL CIRCUIT	K	36975A	E-338	
38004					K	36366A	E-338	
38005					K	1CGP	E-338	
38006			1LGD109D	MV5329C INSTR CIRCUIT (TC5329 INTLK)	K	36583F	E-338	
38007					K	36583E	E-338	
38008					K	36583G	E-338	
38009			1PYE103A	MV5329C POWER CIRCUIT	K	36358B	E-338	
38010					K	36358A	E-338	
38011			C3615	EDG 1-1 ELECT CONTROL & RELAY PANEL	K		E-338	
38012			MV5329C	EDG RM 1 MODULATING DAMPER (CH. 1)	K		E-338	
38013			NV5329C	MV5329C LOCAL CONTROLLER (CH. 1)	K		E-338	
38014			RC3605	MV5329C RELAY CABINET (CH. 1)	K		E-338	
38015			YE103	MV5329C CIRCUIT BREAKER (CH. 1)	K		E-338	
38100		HV5336A	2CYF101B	MV5336A CONTROL CIRCUIT	J	36361B	E-338	
38101					J	36361A	E-338	
38102					J	36367A	E-338	
38103					J	2CGS	E-338	
38104			2CYF101C	MV5336A CONTROL CIRCUIT	J	36909A	E-338	
38105					J	36367A	E-338	
38106					J	2CGS	E-338	
38107			2LGD209A	MV5336A INSTR CIRCUIT (LTE5336 INTLK)	J	36584A	E-338	
38108			2LGD209B	MV5336A INSTR CIRCUIT (TC5336 INTLK)	J	36584D	E-338	
38109					J	36584C	E-338	

RACEWAY LEGEND (A) = 3-HR FIRE WRAP (B) = 1-HR FIRE WRAP (C) = RADIANT ENERGY SHIELD * = EMBEDDED CONDUIT

APPENDIX B-1

CIRCUIT/SUB-COMPONENT LOCATION SUMMARY BY SYSTEM

ID No.	SYSTEM	COMPONENT	CIRCUIT/ SUB-COMP	DESCRIPTION	FIRE AREA	RACEWAY	RACEWAY DRAWING	CHANGE NO/TYP
38110	HVAC	HV5336A	2LGD209B	MV5336A INSTR CIRCUIT (TC5336 INTLK)	J	36584E	E-338	
38111					J	36584G	E-338	
38112			2PYF101A	MV5336A POWER CIRCUIT	J	36359E	E-338	
38113					J	36359C	E-338	
38114					J	36359A	E-338	
38115			C3616	MV5336A CONTROL CABINET (CH. 2)	J		E-338	
38116			LTE5336	MV5336A TEMPERATURE ELEMENT (CH. 2)	J		E-338	
38117			MV5336A	EDG RM 2 MODULATING DAMPER (CH. 2)	J		E-338	
38118			NV5336A	MV5336A LOCAL CONTROLLER (CH. 2)	J		E-338	
38119			RC3606	MV5336A RELAY CABINET (CH. 2)	J		E-338	
38120			YF101	MV5336A CIRCUIT BREAKER (CH. 2)	J		E-338	
38200		HV5336B	2CYF102B	MV5336B CONTROL CIRCUIT	J	36361C	E-338	
38201					J	36361A	E-338	
38202					J	36367A	E-338	
38203					J	2CGS	E-338	
38204			2CYF102C	MV5336B CONTROL CIRCUIT	J	36909A	E-338	
38205					J	36367A	E-338	
38206					J	2CGS	E-338	
38207			2LGD209C	MV5336B INSTR CIRCUIT (TC5336 INTLK)	J	36584B	E-338	
38208					J	36584C	E-338	
38209					J	36584E	E-338	
38210					J	36584G	E-338	
38211			2PYF102A	MV5336B POWER CIRCUIT	J	36359D	E-338	
38212					J	36359C	E-338	
38213					J	36359A	E-338	
38214			C3616	MV5336B CONTROL CABINET (CH. 2)	J		E-338	
38215			MV5336B	EDG RM 2 MODULATING DAMPER (CH. 2)	J		E-338	
38216			NV5336B	MV5336B LOCAL CONTROLLER (CH. 2)	J		E-338	
38217			RC3606	MV5336B RELAY CABINET (CH. 2)	J		E-338	
38218			YF102	MV5336B CIRCUIT BREAKER (CH. 1)	J		E-338	
38300		HV5336C	2CYF103B	MV5336C CONTROL CIRCUIT	J	36362A	E-338	
38301					J	36367A	E-338	
38302					J	2CGS	E-338	
38303			2CYF103C	MV5336C CONTROL CIRCUIT	J	36909A	E-338	
38304					J	36367A	E-338	
38305					J	2CGS	E-338	
38306			2LGD209D	MV5336C INSTR CIRCUIT (TC5336 INTLK)	J	36584F	E-338	
38307					J	36584G	E-338	
38308			2PYF103A	MV5336C POWER CIRCUIT	J	36359B	E-338	
38309					J	36359A	E-338	
38310			C3616	MV5336C CONTROL CABINET (CH. 2)	J		E-338	
38311			MV5336C	EDG RM 2 MODULATING DAMPER (CH. 2)	J		E-338	
38312			NV5336C	MV5336C LOCAL CONTROLLER (CH. 2)	J		E-338	
38313			RC3606	MV5336C RELAY CABINET (CH. 2)	J		E-338	
38314			YF103	MV5336C CIRCUIT BREAKER (CH. 2)	J		E-338	
39000		HV5597	1CBE1208B	MV5597 CONTROL CIRCUIT	Y	46238A	E-346	
39001					Y	46540A	E-346	
39002					Y	1CKA	E-346	
39003			1CBE1208C	MV5597 CONTROL CIRCUIT	Y	46234B	E-346	
39004					Y	46540A	E-346	
39005					Y	1CKA	E-346	
39006			1CBE1208D	MV5597 CONTROL CIRCUIT	Y	46238B	E-346	
39007					Y	JT4615	E-346	
39008					Y	46369A	E-346	
39009					Y	46369A	E-346	
39010					Y	46540A	E-346	
39011					Y	1CKA	E-346	
39012			1CBE1208I	MV5597 CONTROL CIRCUIT	K	36248A	E-338	
39013					K	JB3637	E-338	
39014					K	36041B	E-338	
39015					DUCT	36041B*	E-337, 341	
39016					S	36041A	E-338	
39017					S	36357B	E-338	
39018					S	1CGC	E-338	
39019					Y	36357B	E-346	
39020					Y	46540A	E-346	
39021					Y	1CKA	E-346	
39022			1PBE1208A	MV5597 POWER CIRCUIT	Y	46235A	E-346	
39023					Y	46235A	E-346	
39024			1PBE1208E	MV5597 POWER CIRCUIT	Y	46235A	E-346	
39025					Y	46235A	E-346	
39026			1PBE1208H	MV5597 POWER CIRCUIT	K	30185E	E-338	
39027					P	30185E	E-338	
39028					Q	30185E	E-338	
39029					Q	JB3660	E-338	
39030					Q	36018A	E-338	

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APPENDIX B-1

CIRCUIT/SUB-COMPONENT LOCATION SUMMARY BY SYSTEM

ID No.	SYSTEM	COMPONENT	CIRCUIT/ SUB-COMP	DESCRIPTION	FIRE AREA	RACEWAY	RACEWAY DRAWING	CHANGE NO/TYP
39031	HVAC	HV5597	1PBE1208H	MV5597 POWER CIRCUIT	X	36018A	E-338	
39032					Y	36018A	E-338	
39033			BE1208	MV5597 CIRCUIT BREAKER (CH. 1)	Y		E-346	
39034			FTS5597	MV5597 TEMPERATURE SWITCH (CH. 1)	Y		E-346	
39035			MV5597	BATTERY RM A MTR OPERATED DAMPER	Y		E-346	
39036			NV5597	MV5597 LOCAL CONTROLLER (CH. 1)	Y		E-346	
39100		HV5598	2CBF1210B	MV5598 CONTROL CIRCUIT	X	46239A	E-346	
39101					X	46892D	E-346	
39102					X	2CKL	E-346	
39103					X	46741A	E-346	
39104					X	2CKM	E-346	
39105			2CBF1210C	MV5598 CONTROL CIRCUIT	X	46236B	E-346	
39106					X	46892D	E-346	
39107					X	2CKL	E-346	
39108					X	46741A	E-346	
39109					X	2CKM	E-346	
39110			2CBF1210D	MV5598 CONTROL CIRCUIT	X	46239B	E-346	
39111					X	JT4616	E-346	
39112					X	46275B	E-346	
39113					X	46275B	E-346	
39114					X	46892D	E-346	
39115					X	2CKL	E-346	
39116					X	46739C	E-346	
39117					X	2CKM	E-346	
39118			2PBF1210A	MV5598 POWER CIRCUIT	X	46237A	E-346	
39119					X	46237A	E-346	
39120			2PBF1210E	MV5598 POWER CIRCUIT	X	46237A	E-346	
39121					X	46237A	E-346	
39122			BF1210	MV5598 CIRCUIT BREAKER (CH. 2)	X		E-346	
39123			FTS5598	MV5598 TEMPERATURE SWITCH (CH. 2)	X		E-346	
39124			MV5598	BATTERY RM B MTR OPERATED DAMPER	X		E-346	
39125			NV5598	MV5598 LOCAL CONTROLLER (CH. 2)	X		E-346	
39200	MSS	ICS11A	2CVCS11AA	SVICS11A CONTROL CIRCUIT	DH	67111A	E-416	
39200A					DH	67111F	E-416	
39200B					DH	67111E	E-416	
39201			2CVCS11AB	SVICS11A CONTROL CIRCUIT	DH	Nipple	E-416	
39202			2CVCS11AC	SVICS11A CONTROL CIRCUIT	FF	UNSCHED	E-356-8	
39203					DD	67081C	E-356-7, 356-1	
39204					DD	2CPN	E-356-7, 356-1	
39205					DD	JB5776	E-356-1	
39206					EE	67081A	E-414	
39207					EE	67081B*	E-358	
39207A					DH	67081B*	E-358	
39208					DH	67081B	E-416	
39209					DH	67081C	E-416	
39210A			2CVCS11AE	SVICS11A CONTROL CIRCUIT	EE	67081A	E-414	
39210B					EE	67081B*	E-358	
39210C					DH	67081B*	E-358	
39210D					DH	67081B	E-416	
39210E					DH	67081C	E-416	
39210F					DD	67081C	E-356-7, 356-1	
39210G					DD	2CPN	E-356-7, 356-1	
39210H					DD	JB5783	E-356-1	
39211			2CVCS11AG	SVICS11A CONTROL CIRCUIT	DD	JB5783	E-356-1	
39212					DD	2CPN	E-356-1	
39213					DD	2CEV	E-356-1	
39214					DD	2CP92A	E-356-1	
39215					FF	2CP92A	E-356-1	
39216					FF	2CP92D	E-353	
39218			C5717	SVICS11A CONTROL ROOM PANEL (CH. 2)	FF		E-353	
39219			C5756D	SVICS11A CONTROL ROOM PANEL (CH. 2)	FF		E-353	
39225			C5792	SVICS11A CONTROL ROOM PANEL (CH 2)	FF		E-353	
39220			EV100A	SVICS11A TERMINAL BOX (CH. 2)	DH		E-416	
39224			JT5722	SVICS11A TERMINAL BOX (CH.2)	DD		E-356	
39221			NVICS11A	SVICS11A LOCAL CONTROLLER (CH. 2)	DH		E-416	
39222			SVICS11A1	MSL 2 ATM VENT SOLENOID VALVE	DH		E-416	
39300		ICS11B	1CVCS11BA	SVICS11B CONTROL CIRCUIT	DH	68011A	E-359	
39300A					DH	68011B	E-359	
39300B					DH	68011C	E-359	
39301			1CVCS11BB	SVICS11B CONTROL CIRCUIT	DH	Nipple	E-359	
39302			1CVCS11BC	SVICS11B CONTROL CIRCUIT	FF	UNSCHED	E-356-8	
39303					DD	JB5777	E-356	
39304					DD	1CPR	E-356	
39305					DD	1CPM	E-356	
39306					DD	1CPL	E-356-1, 356-6	
39307					DD	68007C	E-356-1, 356-6	

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APPENDIX B-1

CIRCUIT/SUB-COMPONENT LOCATION SUMMARY BY SYSTEM

ID No.	SYSTEM	COMPONENT	CIRCUIT/ SUB-COMP	DESCRIPTION	FIRE AREA	RACEWAY	RACEWAY DRAWING	CHANGE NO/TYP
39308	MSS	ICS11B	1CVCS11BC	SVICS11B CONTROL CIRCUIT	EE	68007C	E-414	
39309					EE	68007B*	E-359, 358	
39309A					DH	68007B*	E-358, 359	
39310					DH	68007A	E-359	
39312			1CVCS11BE	SVICS11B CONTROL CIRCUIT	FF	UNSCHED	E-356-8	
39313					DD	1CPL	E-356-1, 356-6	
39314					DD	68007C	E-356-1, 356-6	
39315					EE	68007C	E-414	
39316					EE	68007B*	E-359, 358	
39316A					DH	68007B*	E-358, 359	
39317					DH	68007A	E-359	
39321			C5717	SVICS11B CONTROL ROOM PANEL (CH.1)	FF		E-353	
39319			C5762A	SVICS11B CONTROL ROOM PANEL (CH 1)	FF		E-353	
39322			C5763D	SVICS11B CONTROL RM PNL (CH.1)	FF		E-353	
39323			EV101B	SVICS11B TERMINAL BOX (CH. 1)	DH		E-359	
39320			JT5721	SVICS11B TERMINAL BOX (CH 1)	DD		E-356	
39324			NVICS11B	SVICS11B LOCAL CONTROLLER	DH		E-359	
39325			SVICS11B1	MSL 1 ATM VENT VALVE SOLENOID	DH		E-359	
39400		MS100	1CFV100DB	FV100 CONTROL CIRCUIT	DH	67046A	E-416	
39401			1CFV100DE	FV100 CONTROL CIRCUIT	DH	67801C	E-416	
39402					DH	67801A	E-416	
39403			1CFV100DF	FV100 CONTROL CIRCUIT	DH	67801B	E-416	
39404					DH	67801A	E-416	
39405			1CFV100DH	FV100 CONTROL CIRCUIT	DH	67046B	E-416	
39406					EE	67046B	E-417	
39407					EE	JT5806	E-417	
39408					EE	58097B	E-417	
39409					DD	1CPM	E-356	
39410					DD	1CPT	E-356	
39411					DD	1CPL	E-356	
39412					DD	1CP62A	E-356	
39413					FF	1CP62A	E-353	
39414					FF	1CPA62	E-353	
39415			1CFV100DJ	FV100 CONTROL CIRCUIT	FF	1CPA	E-353	
39416					FF	57961B	E-353	
39417					DD	1CP62A	E-356	
39418					FF	1CP62A	E-353	
39419			1CFV100EB	FV100 CONTROL CIRCUIT	DH	67007D	E-416	
39420			1CFV100EE	FV100 CONTROL CIRCUIT	DH	67801D	E-416	
39421			1CFV100EG	FV100 CONTROL CIRCUIT	DH	67007A	E-416	
39422					HH	67007A	E-416	
39423					HH	67007B*	E-355, 358	
39423A					DH	67007B*	E-355, 358	
39423B					FF	67007B*	E-355, 358	
39423C					DD	67007B*	E-355, 358	
39424					DD	67007C	E-356	
39425					DD	1CPL	E-356	
39426					DD	1CP62A	E-356	
39427					FF	1CP62A	E-353	
39429					FF	1CPA	E-353	
39430			1CFV100EH	FV100 CONTROL CIRCUIT	FF	1CPA	E-353	
39431					FF	1CP62A	E-353	
39432					FF	57961B	E-356	
39433			2CFV100AB	FV100 CONTROL CIRCUIT	DH	67045C	E-416	
39434					DH	67045A	E-416	
39435			2CFV100AC	FV100 CONTROL CIRCUIT	DH	67800B	E-416	
39436			2CFV100AE	FV100 CONTROL CIRCUIT	DH	67045A	E-416	
39437					DH	67045B	E-416	
39438					EE	67045B	E-414	
39439					EE	JT5706	E-414	
39440					EE	57162B	E-414	
39441					DD	57162B	E-414	
39442					DD	2CPN	E-356	
39443					DD	JB5776	E-356	
39444					DD	2CEV	E-356	
39445					DD	2CP92A	E-423	
39446					FF	2CP92A	E-353	
39447					FF	2CP92D	E-353	
39449			2CFV100B	FV100 CONTROL CIRCUIT	DD	JB5776	E-356-1	
39451					DD	2CPN	E-356-7	
39452					DD	2CPP	E-356-7	
39453					DD	2CLA	E-356-7	
39454					DF	2CLA	E-347	
39455					DF	47042C	E-347	
39456					DH	47042B*	E-358, 344	
39456A					II	47042B*	E-344, 358	
39456B					EE	47042B*	E-344, 358	
39456C					DF	47042B*	E-344, 358	

RACEWAY LEGEND (A) = 3-HR FIRE WRAP (B) = 1-HR FIRE WRAP (C) = RADIANT ENERGY SHIELD * = EMBEDDED CONDUIT

APPENDIX B-1

CIRCUIT/SUB-COMPONENT LOCATION SUMMARY BY SYSTEM

ID No.	SYSTEM	COMPONENT	CIRCUIT/ SUB-COMP	DESCRIPTION	FIRE AREA	RACEWAY	RACEWAY DRAWING	CHANGE NO/TYP
39457	MSS	MS100	2CFV100B	FV100 CONTROL CIRCUIT	DH	47042A	E-416	
39458			2CFV100BC	FV100 CONTROL CIRCUIT	DH	67061C	E-416	
39459					DH	67061B	E-416	
39460			2CFV100BD	FV100 CONTROL CIRCUIT	DH	67061C	E-416	
39461					DH	67061A	E-416	
39462			2CFV100BE	FV100 CONTROL CIRCUIT	DH	67800A	E-416	
39463			2CFV100BG	FV100 CONTROL CIRCUIT	DH	47042A	E-416	
39464					DH	47042B*	E-358, 344	
39464A					II	47042B*	E-344, 358	
39464B					EE	47042B*	E-344, 358	
39464C					DF	47042B*	E-344, 358	
39465					DF	47042C	E-347	
39466					DF	2CLA	E-347	
39467					DD	2CLA	E-356	
39468					DD	2CPP	E-356	
39469					DD	2CPN	E-356	
39470					DD	JB5776	E-356	
39471					DD	2CPN	E-356	
39472					DD	2CEV	E-356	
39473					DD	2CP92A	E-423	
39474					FF	2CP92A	E-353	
39475					FF	2CP92D	E-353	
39476			2CFV100C	FV100 CONTROL CIRCUIT	DH	67061B	E-416	
39477					DH	67061C	E-416	
39490			2CRSCC12A	SV100B CONTROL CIRCUIT (SFRCS)	FF	2CP06A	E-356	
39491					DD	2CP06A	E-356	
39492					DD	JT5722	E-356	
39493					DD	2CPN	E-356	
39494					DD	2CEV	E-356	
39495					DD	2CP92A	E-356, 423	
39496					FF	2CP92A	E-353	
39497					FF	2CP92D	E-353	
39498			2CRSCC14A	SV100A CONTROL CIRCUIT (SFRCS)	FF	2CP06A	E-356	
39499					DD	2CP06A	E-356	
39499A					DD	JT5722	E-356	
39499B					DD	2CPN	E-356	
39499C					DD	2CEV	E-356	
39499D					DD	2CP92A	E-356, 423	
39499E					FF	2CP92A	E-353	
39499F					FF	2CP92D	E-353	
39480			C5762A	FV100 CONTROL ROOM PANEL (CH. 1)	FF		E-353	
39481			C5792	FV100 CONTROL ROOM PANEL (CH. 2)	FF		E-353	
39484			FPSL100A	FV100 PRESSURE SWITCH (CH. 2)	DH		E-416	
39485			FPSL100B	FV100 PRESSURE SWITCH (CH. 2)	DH		E-416	
39486			FPSL100C	FV100 PRESSURE SWITCH (CH. 1)	DH		E-416	
39487			FPSL100D	FV100 PRESSURE SWITCH (CH. 1)	DH		E-416	
39488			FPSL100E	FV100 PRESSURE SWITCH (CH. 1)	DH		E-416	
39489			FV100	MN STEAM LINE 2 ISO VALVE (CH. 2 & 1)	DH		E-416	
39490			JT5706	FV100 TERMINAL BOX (CH. 2)	EE		E-414	
39483			JT5722	FV100 TERMINAL BOX (CH. 2)	DD		E-356	
39491			JT6703	FV100 TERMINAL BOX (CH. 2)	DH		E-416	
39492			JT6704	FV100 TERMINAL BOX (CH. 2)	DH		E-416	
39493			JT6707	FV100 TERMINAL BOX (CH. 1)	DH		E-416	
39494			JT6717	FV100 TERMINAL BOX (CH. 1)	DH		E-416	
39495			NSV100	FV100 TERMINAL BOX (CH. 2)	DH		E-416	
39550		MS100-1	2CRSCC12A	SV100-1 CONTROL CIRCUIT (SFRCS)	FF	2CP06A	E-356	
39551					DD	2CP06A	E-356	
39552					DD	JT5722	E-356	
39553					DD	2CPN	E-356	
39554					DD	2CEV	E-356	
39555					DD	2CP92A	E-356, 423	
39556					FF	2CP92A	E-353	
39557					FF	2CP92D	E-353	
39558			2CRSCC14A	SV100-1 CONTROL CIRCUIT (SFRCS)	FF	2CP06A	E-356	
39559					DD	2CP06A	E-356	
39560					DD	JT5722	E-356	
39561					DD	2CPN	E-356	
39562					DD	2CEV	E-356	
39563					DD	2CP92A	E-356, 423	
39564					FF	2CP92A	E-353	
39565					FF	2CP92D	E-353	
39500			2CV1001A	SV1001 CONTROL CIRCUIT	DH	47040C	E-416	
39501			2CV1001B	V1001/SV1001 CONTROL CIRCUIT	DH	67155A	E-416	
39503			2CV1001C	V1001/SV1001 CONTROL CIRCUIT	DD	JB5776	E-356-8	
39504					DD	2CPN	E-356-7	
39505					DH	47040A	E-416	
39506					EE	47040A	E-414	
39507					DF	47040A	E-347	

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APPENDIX B-1

CIRCUIT/SUB-COMPONENT LOCATION SUMMARY BY SYSTEM

ID No.	SYSTEM	COMPONENT	CIRCUIT/ SUB-COMP	DESCRIPTION	FIRE AREA	RACEWAY	RACEWAY DRAWING	CHANGE NO/TYP
39508	MSS	MS100-1	2CV1001C	V1001/SV1001 CONTROL CIRCUIT	DF	2CKL	E-347	
39509					DD	2CKL	E-356-7	
39510			2CV1001D	V1001/SV1001 CONTROL CIRCUIT	DH	47040C	E-416	
39511			2CV1001F	V100/SV1001 CONTROL CIRCUIT	DH	47040A	E-416	
39512					EE	47040A	E-414	
39513					DF	47040A	E-347	
39514					DF	2CKL	E-347	
39515					DD	2CKL	E-356-7	
39516					DD	2CPN	E-356-7	
39517					DD	JB5783	E-356-7	
39518					DD	2CEV	E-356-7	
39519					DD	2CP92A	E-356-7	
39520					FF	2CP92A	E-353	
39521					FF	2CP92D	E-353	
39522			2CV1001G	V100/SV1001 CONTROL CIRCUIT	DH	67107A	E-416	
39523			C5717	V1001 CONTROL ROOM PANEL (CH. 2)	FF		E-353	
39524			C5792	V1001 CONTROL ROOM PANEL (CH 1)	FF		E-353	
39525			EV1001	V1001 TERMINAL BOX (CH. 2)	DH		E-416	
39526			JT6704	V1001 JUNCTION BOX (CH 1)	DH		E-416	
39527			NV1001	V1001 LOCAL CONTROLLER (CH. 2)	DH		E-416	
39528			SV1001	V1001 SOLENOID VALVE (CH. 2)	DH		E-416	
39529			V1001	MN STM LINE 2 WU ISOLATION VALVE (CH. 2)	DH		E-416	
39600		MS101	1CFV101AB	FV101 CONTROL CIRCUIT	DH	68075B	E-359	
39601					DH	68075A	E-359	
39602			1CFV101AC	FV101 CONTROL CIRCUIT	DH	68800B	E-359	
39603			1CFV101AE	FV101 CONTROL CIRCUIT	DH	68075A	E-359	
39604					DH	68075C	E-359	
39605					EE	68075C	E-417	
39606					EE	JT5806	E-417	
39607					EE	58097B	E-417	
39608					DD	58097B	E-356	
39609					DD	1CPM	E-356	
39610					DD	1CPL	E-356	
39611					DD	1CP62A	E-356	
39612					FF	1CP62A	E-356	
39613					FF	1CPA62	E-353	
39614			1CFV101B	FV101 CONTROL CIRCUIT	FF	UNSCHED	E-356-8	
39615					DD	JB5777	E-356	
39616					DD	1CPR	E-356	
39617					DD	1CPM	E-356	
39618					DD	1CPL	E-356-1, 356-6	
39619					DD	68008C	E-356-1, 356-6	
39620					EE	68008C	E-414	
39621					EE	68008B*	E-359, 358	
39621A					DH	68008B*	E-358, 359	
39622					DH	68008A	E-359	
39623			1CFV101BC	FV101 CONTROL CIRCUIT	DH	68006A	E-359	
39624					DH	68006C	E-359	
39625			1CFV101BD	FV101 CONTROL CIRCUIT	DH	68006B	E-359	
39626					DH	68006C	E-359	
39627			1CFV101BE	FV101 CONTROL CIRCUIT	DH	68800A	E-359	
39628			1CFV101BG	FV101 CONTROL CIRCUIT	DH	68008A	E-359	
39629					EE	68008B*	E-359, 358	
39629A					DH	68008B*	E-358, 359	
39630					EE	68008C	E-414	
39631					DD	1CPL	E-356	
39632					DD	1CP62A	E-356	
39633					FF	1CP62A	E-353	
39634					FF	1CPA62	E-353	
39635			1CFV101C	FV101 CONTROL CIRCUIT	DH	68006C	E-359	
39636					DH	68006A	E-359	
39690			1CRSCC11A	SV1011 CONTROL CIRCUIT (SFRCS)	FF	1CP06A	E-353	
39691					DD	1CP06A	E-356	
39692					DD	JT5721	E-356	
39693					DD	1CPM	E-356-2	
39694					DD	1CPR	E-356-2	
39695					DD	1CPL	E-356	
39696					DD	1CP62A	E-356-10	
39696A					FF	1CP62A	E-356-10	
39697					FF	1CPA62	E-353	
39698			1CRSCC13A	SV101A CONTROL CIRCUIT (SFRCS)	FF	1CP06A	E-353	
39698A					DD	1CP06A	E-356	
39698B					DD	JT5721	E-356	
39698C					DD	1CPM	E-356-2	
39698D					DD	1CPR	E-356-2	
39698E					DD	1CPL	E-356	
39698F					DD	1CP62A	E-356-10	
39698G					FF	1CP62A	E-356-10	

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APPENDIX B-1

CIRCUIT/SUB-COMPONENT LOCATION SUMMARY BY SYSTEM

ID No.	SYSTEM	COMPONENT	CIRCUIT/ SUB-COMP	DESCRIPTION	FIRE AREA	RACEWAY	RACEWAY DRAWING	CHANGE NO/TYP
39698H	MSS	MS101	1CRSCC13A	SV101A CONTROL CIRCUIT (SFRCS)	FF	1CPA62	E-353	
39637			2CFV101DB	FV101 CONTROL CIRCUIT	DH	68076B	E-359	
39638			2CFV101DE	FV101 CONTROL CIRCUIT	DH	68801B	E-359	
39639					DH	68801A	E-359	
39640			2CFV101DF	FV101 CONTROL CIRCUIT	DH	68801C	E-359	
39641					DH	68801A	E-359	
39661			2CFV101DH	FV101 CONTROL CIRCUIT	DH	68076A	E-359	
39662					EE	68076A	E-414	
39663					EE	JT5706	E-414	
39664					EE	57162B	E-414	
39665					DD	2CPN	E-356	
39666					DD	2CEV	E-356	
39667					DD	2CP92A	E-423	
39668					FF	2CP92A	E-356, 313	
39669					FF	2CP92D	E-353	
39658			2CFV101DJ	FV101 CONTROL CIRCUIT	FF	2CP92D	E-353	
39659					FF	57961C	E-353	
39660					FF	2CP92A	E-353	
39642			2CFV101EB	FV101 CONTROL CIRCUIT	DH	68060B	E-359	
39643			2CFV101EE	FV101 CONTROL CIRCUIT	DH	68801D	E-359	
39647			2CFV101EG	FV101 CONTROL CIRCUIT	DH	68060A	E-359	
39648					EE	2CRB	E-417	
39649					EE	58095B	E-417, 414	
39650					EE	JT5705	E-414	
39651					EE	57162A	E-414	
39652					DD	57162A	E-356	
39653					DD	2CPN	E-356	
39654					DD	2CEV	E-356	
39655					DD	2CP92A	E-356	
39656					FF	2CP92A	E-353, 423	
39657					FF	2CP92D	E-353	
39644			2CFV101EH	FV101 CONTROL CIRCUIT	FF	2CP92D	E-353	
39645					FF	57961C	E-353	
39646					FF	2CP92A	E-353	
39676			C5708	FV101 CONTROL ROOM PANEL (CH 1)	FF		E-353	
39671			C5762A	FV101 CONTROL ROOM PANEL (CH. 1)	FF		E-353	
39673			C5792	FV101 CONTROL ROOM PANEL (CH. 2)	FF		E-353	
39674			C5792N	FV101 CONTROL ROOM PANEL (CH 2)	FF		E-353	
39677			FPSL101A	FV101 PRESSURE SWITCH (CH. 1)	DH		E-359	
39678			FPSL101B	FV101 PRESSURE SWITCH (CH. 1)	DH		E-359	
39679			FPSL101C	FV101 PRESSURE SWITCH (CH. 2)	DH		E-359	
39680			FPSL101D	FV101 PRESSURE SWITCH (CH. 2)	DH		E-359	
39681			FPSL101E	FV101 PRESSURE SWITCH (CH. 2)	DH		E-359	
39682			FV101	MN STEAM LINE 1 ISO VALVE (CH. 1 & 2)	DH		E-359	
39675			JT5721	FV101 TERMINAL BOX (CH 1)	DD		E-356	
39683			JT6801	FV101 TERMINAL BOX (CH. 1)	DH		E-359	
39684			JT6802	FV101 TERMINAL BOX (CH. 1)	DH		E-359	
39685			JT6807	FV101 TERMINAL BOX (CH. 2)	DH		E-359	
39686			JT6811	FV101 TERMINAL BOX (CH. 2)	DH		E-359	
39687			NSV101	FV101 TERMINAL BOX (CH. 1)	DH		E-359	
39750		MS101-1	1CRSCC11A	SV1011 CONTROL CIRCUIT (SFRCS)	FF	1CP06A	E-353	
39751					DD	1CP06A	E-356	
39752					DD	JT5721	E-356	
39753					DD	1CPM	E-356-2	
39754					DD	1CPR	E-356-2	
39755					DD	1CPL	E-356	
39756					DD	1CP62A	E-356-10	
39757					FF	1CP62A	E-356-10	
39758					FF	1CPA62	E-353	
39759			1CRSCC13A	SV1011 CONTROL CIRCUIT (SFRCS)	FF	1CP06A	E-353	
39760					DD	1CP06A	E-353	
39761					DD	JT5721	E-356	
39762					DD	1CPM	E-356	
39763					DD	1CPR	E-356-2	
39764					DD	1CPL	E-356-2	
39765					DD	1CP62A	E-356-10	
39766					FF	1CP62A	E-356-10	
39767					FF	1CPA62	E-353	
39700			1CV1011A	V1011/SV1011 CONTROL CIRCUIT	DH	68004A	E-359	
39701			1CV1011B	V1011/SV1011 CONTROL CIRCUIT	DH	Nipple	E-359	
39702			1CV1011C	V1011/SV1011 CONTROL CIRCUIT	DH	38069E	E-359	
39703					V	38514A	E-350, 349-3	
39704					V	1CJL	E-350, 349-3	
39705					DH	38069C	E-359	
39706					AB	38069A	E-350	
39707					V	38069A	E-350	
39708					V	JB3805	E-350	
39709					V	1CJL	E-350	

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APPENDIX B-1

CIRCUIT/SUB-COMPONENT LOCATION SUMMARY BY SYSTEM

ID No.	SYSTEM	COMPONENT	CIRCUIT/ SUB-COMP	DESCRIPTION	FIRE AREA	RACEWAY	RACEWAY DRAWING	CHANGE NO/TYP
39710	MSS	MS101-1	1CV1011C	V1011/SV1011 CONTROL CIRCUIT	AB	38069B*	E-359, 340	
39710A					V	38069B*	E-340, 359	
39710B					EE	38069B*	E-340, 359	
39710C					DH	38069B*	E-340, 359	
39711					U	1CJL	E-349-3	
39712					CC	1CJL	E-347	
39713					DD	1CJL	E-356-6	
39714					DD	1CPL	E-356-6	
39715					DD	JB5777	E-356-8	
39715A					DD	1CPL	E-356	
39715B					DD	1CPR	E-356	
39715C					DD	1CPM	E-356	
39717			1CV1011D	V1011/SV1011 CONTROL CIRCUIT	DH	68004A	E-359	
39718			1CV1011F	V1011/SV1011 CONTROL CIRCUIT	DH	38069E	E-359	
39719					DH	38069C	E-359	
39720					DH	38069B*	E-359, 340	
39720A					EE	38069B*	E-340, 359	
39720B					V	38069B*	E-340, 359	
39720C					AB	38069B*	E-340, 359	
39721					AB	38069A	E-350	
39722					V	JB3805	E-350	
39723					V	38514A	E-350	
39724					V	1CJL	E-350	
39725					U	1CJL	E-349-3	
39726					CC	1CJL	E-347	
39727					DD	1CJL	E-356-6	
39728					DD	1CPL	E-356	
39729					DD	1CP62A	E-353	
39730					FF	1CP62A	E-353	
39731					FF	1CPA62	E-353	
39732			1CV1011G	V1011/SV1011 CONTROL CIRCUIT	DH	38069E	E-359	
39733					DH	38069D	E-359	
39734			C5717	V1011 CONTROL ROOM PANEL (CH. 1)	FF		E-353	
39735			C5762A	V1011 CONTROL ROOM PANEL (CH. 1)	FF		E-353	
39736			EV1011	V1011 TERMINAL BOX (CH. 1)	DH		E-359	
39737			JT6802	V1011 JUNCTION BOX (CH. 1)	DH		E-359	
39738			NV1011	V1011 LOCAL CONTROLLER (CH. 1)	DH		E-359	
39739			SV1011	V1011 SOLENOID VALVE (CH. 1)	DH		E-359	
39740			V1011	MN STM LINE #1 WU. ISO VLV (CH. 1)	DH		E-359	
40560		PSV-SP17A1	N/A	MSL 2 SAFETY VALVE	DH	MAN		
40561		PSV-SP17A2	N/A	MSL 2 SAFETY VALVE	DH	MAN		
40562		PSV-SP17A3	N/A	MSL 2 SAFETY VALVE	DH	MAN		
40563		PSV-SP17A4	N/A	MSL 2 SAFETY VALVE	DH	MAN		
40564		PSV-SP17A5	N/A	MSL 2 SAFETY VALVE	DH	MAN		
40565		PSV-SP17A6	N/A	MSL 2 SAFETY VALVE	DH	MAN		
40566		PSV-SP17A7	N/A	MSL 2 SAFETY VALVE	DH	MAN		
40567		PSV-SP17A8	N/A	MSL 2 SAFETY VALVE	DH	MAN		
40568		PSV-SP17A9	N/A	MSL 2 SAFETY VALVE	DH	MAN		
40569		PSV-SP17B1	N/A	MSL 1 SAFETY VALVE	DH	MAN		
40570		PSV-SP17B2	N/A	MSL 1 SAFETY VALVE	DH	MAN		
40571		PSV-SP17B3	N/A	MSL 1 SAFETY VALVE	DH	MAN		
40572		PSV-SP17B4	N/A	MSL 1 SAFETY VALVE	DH	MAN		
40573		PSV-SP17B5	N/A	MSL 1 SAFETY VALVE	DH	MAN		
40574		PSV-SP17B6	N/A	MSL 1 SAFETY VALVE	DH	MAN		
40575		PSV-SP17B7	N/A	MSL 1 SAFETY VALVE	DH	MAN		
40576		PSV-SP17B8	N/A	MSL 1 SAFETY VALVE	DH	MAN		
40577		PSV-SP17B9	N/A	MSL 1 SAFETY VALVE	DH	MAN		
40700	MUPS	E25-1	N/A	LETDOWN COOLER 1-1	D	MAN		
40705		E25-2	N/A	LETDOWN COOLER 1-2	D	MAN		

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APPENDIX B-1

CIRCUIT/SUB-COMPONENT LOCATION SUMMARY BY SYSTEM

ID No.	SYSTEM	COMPONENT	CIRCUIT/ SUB-COMP	DESCRIPTION	FIRE AREA	RACEWAY	RACEWAY DRAWING	CHANGE NO/TYP
40705A	MUPS	E26-1	N/A	RCP SEAL COOLER 1	AB	N/A		
40705B		E26-2	N/A	RCP SEAL COOLER 2	AB	N/A		
40715		F-35	N/A	PURIFICATION DEMINERALIZER FILTER 1-1	G	MAN		
40710		F5-1	N/A	PRIMARY DEMINERALIZER FILTER 1-1	G	MAN		
40720		F59-1	N/A	SEAL INJECTION FILTER 1-1	V	MAN		
40725		F59-2	N/A	SEAL INJECTION FILTER 1-2	V	MAN		
40745		HP1556	N/A	MU RECIRCULATION TO BWST	AB	MAN		
40730		HP26	N/A	HPI TO RCP SEALS	AB	MAN		
40735		HP27	N/A	HPI TO RCP SEALS	A	MAN		
40740		HP29	N/A	MU RECIRCULATION TO BWST	AB	MAN		
40800		MU01A	2CBF1237C	MVMU01A CONTROL CIRCUIT	DF	47078A	E-347	
40801					DF	2CLA	E-347	
40802					DF	2CKM	E-346, 347	
40803					X	2CKM	E-346	
40804					X	46739C	E-346	
40805			2CBF1237D	MVMU01A CONTROL CIRCUIT	D	29092A	E-373	
40806					D	JT2917	E-373	
40807					D	29075B	E-373	
40808					D	JB2925	E-373	
40809					D	29075A	E-369, 373	
40810					D	JB3930	E-369	
40811					D	49075A	E-362, 369	
40812					A	Exposed	E-378B-3	
40813			2CBF1237E	MVMU01A CONTROL CIRCUIT	X	46526B	E-346	
40814					X	46739A	E-346	
40815					X	2CKM	E-346	
40816			2CBF1237F	MVMU01A CONTROL CIRCUIT	FF	2CP02C	E-356-8	
40817					DD	2CP02C	E-356-8	
40818					DD	2CPN	E-356-7	
40819					DD	2CKM	E-356-7	
40820					DF	2CKM	E-346, 347	
40821					X	2CKM	E-346	
40822					X	46526C	E-346	
40823			2CBF1237G	MVMU01A CONTROL CIRCUIT	D	29093B	E-373	
40824					D	JB2911	E-373	
40825					D	29063A	E-373	
40826					D	JB2911	E-373	
40827					D	JB2920	E-373	
40828					D	49161A	E-362, 373	
40829					A	Exposed	E-378B-3	
40830			2CBF1237J	MVMU01A CONTROL CIRCUIT	X	46247A	E-346	
40831					X	46892C	E-346	
40832					X	2CKL	E-346	
40833					X	2CKM	E-346	
40834					X	46739C	E-346	
40835			2CBF1237K	MVMU01A CONTROL CIRCUIT	FF	2CP02C	E-356-8	
40836					DD	2CP02C	E-356-8	
40837					DD	2CPN	E-356-7	
40838					DD	2CKM	E-356-7	
40839					DF	2CKM	E-347	
40840					X	46526C	E-346	
40841					X	2CKM	E-346	
40842			2PBF1237A	MVMU01A POWER CIRCUIT	DF	46085A	E-346	
40843					X	46085A	E-346	
40844			2PBF1237B	MVMU01A POWER CIRCUIT	D	29032A	E-373	
40845					D	JB2916	E-373	
40846					D	49076A	E-373	
40847					A	Exposed	E-378B-3	
40848			BF1237	MVMU01A CIRCUIT BREAKER (CH. 2)	X		E-346	
40849			C5703	MVMU01A CONTROL ROOM PANEL (CH. 2)	FF		E-353	
40850			CDF-12A-2	MVMU01A DISCONNECT SWITCH (CH. 2)	X		E-346	
40851			MVMU01A	LETDOWN COOLER 1-1 INLET VALVE (CH. 2)	D		E-373	
40852			P2C5GI	MVMU01A PENETRATION TERMINAL BOX (CH. 2)	D		E-362	
40853			P2C5GX	MVMU01A PENETRATION TERMINAL BOX (CH. 2)	DF		E-346	
40854			P2P5FI	MVMU01A PENETRATION TERMINAL BOX (CH. 2)	D		E-362	
40855			P2P5FX	MVMU01A PENETRATION TERMINAL BOX (CH. 2)	DF		E-347	
40856			RC4605	MVMU01A RELAY CABINET (CH. 2)	X		E-346	
40900		MU01B	2CBF1238C	MVMU01B CONTROL CIRCUIT	DF	47078A	E-346	

RACEWAY LEGEND (A) = 3-HR FIRE WRAP (B) = 1-HR FIRE WRAP (C) = RADIANT ENERGY SHIELD * = EMBEDDED CONDUIT

APPENDIX B-1

CIRCUIT/SUB-COMPONENT LOCATION SUMMARY BY SYSTEM

ID No.	SYSTEM	COMPONENT	CIRCUIT/ SUB-COMP	DESCRIPTION	FIRE AREA	RACEWAY	RACEWAY DRAWING	CHANGE NO/TYP
40901	MUPS	MU01B	2CBF1238C	MVMU01B CONTROL CIRCUIT	DF	2CLA	E-346	
40902					DF	2CKM	E-346	
40903					X	2CKM	E-346	
40904					X	46740A	E-346	
40905			2CBF1238D	MVMU01B CONTROL CIRCUIT	D	29091A	E-373	
40906					D	JT2917	E-373	
40907					D	29075B	E-373	
40908					D	JB2925	E-373	
40909					D	29075A	E-369, 373	
40910					D	JB3930	E-369	
40911					D	49075A	E-362, 369	
40912					A	Exposed	E-378B-3	
40913			2CBF1238E	MVMU01B CONTROL CIRCUIT	X	46526B	E-346	
40914					X	46739A	E-346	
40915					X	2CKM	E-346	
40916			2CBF1238F	MVMU01B CONTROL CIRCUIT	FF	2CP02C	E-356-8	
40917					DD	2CP02C	E-356-8	
40918					DD	2CPN	E-356-7	
40919					DD	2CKM	E-356-7	
40920					DF	2CKM	E-346, 347	
40921					X	2CKM	E-346	
40922					X	46526C	E-346	
40923			2CBF1238G	MVMU01B CONTROL CIRCUIT	D	29094A	E-373	
40924					D	JB2911	E-373	
40925					D	29063A	E-373	
40926					D	JB2920	E-373	
40927					D	49161A	E-362, 373	
40928					A	Exposed	E-378B-3	
40929			2CBF1238J	MVMU01B CONTROL CIRCUIT	X	46247A	E-346	
40930					X	46892C	E-346	
40931					X	2CKL	E-346	
40932					X	46739C	E-346	
40933					X	2CKM	E-346	
40934			2CBF1238K	MVMU01B CONTROL CIRCUIT	FF	2CP02C	E-356-8	
40935					DD	2CP02C	E-356-8	
40936					DD	2CPN	E-356-7	
40937					DD	2CKM	E-356-7	
40938					DF	2CKM	E-347	
40939					X	46526C	E-346	
40940			2PBF1238A	MVMU01B POWER CIRCUIT	DF	46085A	E-346	
40941					X	46085A	E-346	
40942			2PBF1238B	MVMU01B POWER CIRCUIT	D	29033A	E-373	
40943					D	JB2916	E-373	
40944					D	49076A	E-373	
40945					A	Exposed	E-378B-3	
40946			BF1238	MVMU01B CIRCUIT BREAKER (CH. 2)	X		E-346	
40947			C5703	MVMU01B CONTROL ROOM PANEL (CH. 2)	FF		E-353	
40948			CDF-12A-2	MVMU01B DISCONNECT SWITCH (CH. 2)	X		E-346	
40949			MVMU01B	LETDOWN COOLER 1-2 INLET VALVE (CH. 2)	D		E-373	
40950			P2C5GI	MVMU01B PENETRATION TERMINAL BOX (CH. 2)	D		E-362	
40951			P2C5GX	MVMU01B PENETRATION TERMINAL BOX (CH. 2)	DF		E-346	
40952			P2P5FI	MVMU01B PENETRATION TERMINAL BOX (CH. 2)	D		E-362	
40953			P2P5FX	MVMU01B PENETRATION TERMINAL BOX (CH. 2)	DF		E-347	
40954			RC4605	MVMU01B RELAY CABINET (CH. 2)	X		E-346	
41000		MU02A	1CBE1171C	MVMU02A CONTROL CIRCUIT	AB	38076A	E-350	
41001					AB	1CJP	E-350	
41002					V	1CJP	E-350	
41003			1CBE1171D	MVMU02A CONTROL CIRCUIT	D	29121A	E-373	
41004					D	JB2903	E-374	
41005					D	29018C	E-374	
41006					D	29018B*	E-364	
41007					D	29018A	E-363	
41008					AB	Exposed	E-378B-3	
41009			1CBE1171E	MVMU02A CONTROL CIRCUIT	V	1CJM	E-350	
41010					V	38563A	E-350	
41011					V	1CJP	E-350	
41012			1CBE1171F	MVMU02A CONTROL CIRCUIT	FF	1CP17A	E-356-8	
41013					DD	1CP17A	E-356-8	
41014					DD	1CPM	E-356-6	
41015					DD	1CPT	E-356-6	
41016					DD	1CPL	E-356-6	
41017					DD	1CJL	E-356-6	
41018					CC	1CJL	E-347	
41019					U	1CJL	E-349-3	
41020					V	38562A	E-350	
41021					V	1CJL	E-350	
41022			1CBE1171G	MVMU02A CONTROL CIRCUIT	FF	1CP63C	E-424	
41023					DD	1CP63C	E-424	

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APPENDIX B-1

CIRCUIT/SUB-COMPONENT LOCATION SUMMARY BY SYSTEM

ID No.	SYSTEM	COMPONENT	CIRCUIT/ SUB-COMP	DESCRIPTION	FIRE AREA	RACEWAY	RACEWAY DRAWING	CHANGE NO/TYP
41024	MUPS	MU02A	1CBE1171G	MVMU02A CONTROL CIRCUIT	DD	1CPL	E-356-6	
41025					DD	1CJM	E-356-6	
41026					CC	1CJM	E-347	
41027					U	1CJM	E-349-3	
41028					V	1CJM	E-350	
41029					V	1CJP	E-350	
41030			1PBE1171A	MVMU02A POWER CIRCUIT	AB	JB3806	E-350	
41031					AB	1PJA	E-350	
41032					AB	38003A	E-340	
41033					V	38003A	E-340	
41034			1PBE1171B	MVMU02A POWER CIRCUIT	D	29120A	E-373	
41035					D	JB2904	E-374	
41036					D	29019C	E-374	
41037					D	29019B*	E-364	
41038					D	29019A	E-363	
41039					AB	Exposed	E-378B-3	
41040			BE1171	MVMU02A CIRCUIT BREAKER (CH. 1)	V		E-350	
41041			C5717	MVMU02A CONTROL ROOM PANEL (CH. 1)	FF		E-353	
41042			C5763C	MVMU02A CONTROL ROOM PANEL (CH. 1)	FF		E-353	
41043			CDE-11B-1	MVMU02A DISCONNECT SWITCH (CH. 1)	V		E-350	
41044			MVMU02A	LETDOWN COOLER OUTLET ISO VALVE (CH. 1)	D		E-373	
41045			P1C2LI	MVMU02A PENETRATION TERMINAL BOX (CH. 1)	D		E-363	
41046			P1C2LX	MVMU02A PENETRATION TERMINAL BOX (CH. 1)	AB		E-350	
41047			P1P2MI	MVMU02A PENETRATION TERMINAL BOX (CH. 1)	D		E-363	
41048			P1P2MX	MVMU02A PENETRATION TERMINAL BOX (CH. 1)	AB		E-350	
41100		MU02B	1CBE1172C	MVMU02B CONTROL CIRCUIT	V	1CJP	E-350	
41101					AB	1CJP	E-350	
41102					AB	38076A	E-350	
41103			1CBE1172D	MVMU02B CONTROL CIRCUIT	D	29015C	E-373	
41104					D	29015B*	E-364	
41105					D	29015A	E-363	
41106					AB	Exposed	E-378B-3	
41107			1CBE1172E	MVMU02B CONTROL CIRCUIT	V	1CJM	E-350	
41108					V	38563A	E-350	
41109					V	1CJP	E-350	
41110			1CBE1172F	MVMU02B CONTROL CIRCUIT	FF	1CP02A	E-356-8	
41111					DD	1CP02A	E-356-8	
41112					DD	1CPM	E-356-6	
41113					DD	1CPT	E-356-6	
41114					DD	1CPL	E-356-6	
41115					DD	1CJL	E-356-6	
41116					CC	1CJL	E-347	
41117					U	1CJL	E-349-3	
41118					V	1CJL	E-350	
41119					V	38562A	E-350	
41120			1CBE1172G	MVMU02B CONTROL CIRCUIT	AB	EV1530	E-350	
41121					AB	38451A	E-350	
41122					AB	38013B	E-350	
41123					V	JB3805	E-350	
41124					V	38210A	E-350	
41125					V	38013B	E-350	
41126					V	1CJP	E-350	
41127			1CBE1172H	MVMU02B CONTROL CIRCUIT	D	Flex	E-373	
41128					D	JB2919	E-373	
41129					D	29122E	E-373	
41130					D	29122C	E-373	
41131					D	29122A	E-373	
41132					D	JB2912	E-373	
41133					D	29055A	E-363	
41134					AB	Exposed	E-378B-3	
41135			1CBE1172I	MVMU02B CONTROL CIRCUIT	D	29122B	E-373	
41136					D	29122A	E-373	
41137					D	JB2912	E-373	
41138					D	29055A	E-363	
41139					AB	Exposed	E-378B-3	
41140			1CBE1172J	MVMU02B CONTROL CIRCUIT	D	29122D	E-373	
41141					D	29122C	E-373	
41142					D	29122A	E-373	
41143					D	JB2912	E-373	
41144					D	29055A	E-363	
41145					AB	Exposed	E-378B-3	
41146			1PBE1172A	MVMU02B POWER CIRCUIT	AB	38004B	E-340	
41147					V	38004A	E-340	
41148			1PBE1172B	MVMU02B POWER CIRCUIT	D	29014C	E-373	
41149					D	29014B*	E-364	
41150					D	29014A	E-363	
41151					AB	Exposed	E-378B-3	
41152			BE1172	MVMU02B PENETRATION TERMINAL BOX (CH. 1)	V		E-350	

RACEWAY LEGEND (A) = 3-HR FIRE WRAP (B) = 1-HR FIRE WRAP (C) = RADIANT ENERGY SHIELD * = EMBEDDED CONDUIT

APPENDIX B-1

CIRCUIT/SUB-COMPONENT LOCATION SUMMARY BY SYSTEM

ID No.	SYSTEM	COMPONENT	CIRCUIT/ SUB-COMP	DESCRIPTION	FIRE AREA	RACEWAY	RACEWAY DRAWING	CHANGE NO/TYP
41153	MUPS	MU02B	C5703	MVMU02B CONTROL ROOM PANEL (CH. 1)	FF		E-353	
41154			CDE-11B-1	MVMU02B DISCONNECT SWITCH (CH. 1)	V		E-350	
41155			FPSH3759	MVMU02B PRESSURE SWITCH (CH. 1)	D		E-373	
41156			FPSH3763	MVMU02B PRESSURE SWITCH (CH. 1)	D		E-373	
41157			FTSH3745B	MVMU02B TEMPERATURE SWITCH (CH. 1)	D		E-373	
41158			MVMU02B	LETDOWN COOLER INLET ISO VALVE (CH. 1)	D		E-373	
41159			P1C2LI	MVMU02B PENETRATION TERMINAL BOX (CH. 1)	D		E-363	
41160			P1C2LX	MVMU02B PENETRATION TERMINAL BOX (CH. 1)	AB		E-350	
41161			P1P2MI	MVMU02B PENETRATION TERMINAL BOX (CH. 1)	D		E-363	
41162			P1P2MX	MVMU02B PENETRATION TERMINAL BOX (CH. 1)	AB		E-350	
41163			RC3801	MVMU02B RELAY CABINET (CH. 1)	AB		E-350	
41200		MU03	2CSF1744A	SVMU03 CONTROL CIRCUITS	FF	2CP17C	E-356-8	
41201					DD	2CP17C	E-356-8	
41202					DD	2CPN	E-356-7	
41203					DD	2CED	E-356-7	
41204					A	2CED	E-349-2	
41205					A	37611A	E-349-2	
41206					A	37611A	E-349-2	
41207			2CSF1744B	SVMU03 CONTROL CIRCUITS	A	37611A	E-349-2	
41208					A	37611A	E-335	
41209					A	2CED	E-335	
41210					A	2CEG	E-335	
41211					A	2CEH	E-335	
41212					A	28110A	E-335	
41213					AB	28110A	E-335	
41214					G	28110A	E-336	
41215					AB	JB2809	E-336	
41216					AB	28442F	E-336	
41217					AB	28442G	E-336	
41218			2CVMU03A	SVMU03 CONTROL CIRCUITS	AB	28237A	E-336	
41219			2CVMU03B	SVMU03 CONTROL CIRCUITS	AB	Nipple	E-336	
41220			2CVMU03C	SVMU03 CONTROL CIRCUIT	FF	2CP17C	E-353	
41221					DD	2CP17C	E-356-1	
41222					DD	2CPN	E-356-1	
41223					DD	2CEV	E-356-1	
41224					CC	2CEV	E-347	
41225					U	2CEV	E-349-3	
41226					U	28107C	E-349-3	
41228					U	28107B*	E-339, 340	
41228A					V	28107B*	E-339, 340	
41228B					G	28107B*	E-339, 340	
41228C					AB	28107B*	E-339, 340	
41228D					AB	28107B*	E-339, 340	
41229					AB	28107A	E-336	
41230					AB	JB2809	E-336	
41231					AB	28236A	E-336	
41232			2CVMU03D	SVMU03 CONTROL CIRCUITS	AB	28237A	E-336	
41233			2CVMU03E	SVMU03 CONTROL CIRCUIT	FF	2CP56D	E-356-10	
41234					DD	2CP56D	E-356-10	
41235					DD	2CPN	E-356-7	
41236					DD	2CEV	E-356-7	
41237					CC	2CEV	E-347	
41238					U	2CEV	E-349-3	
41239					U	28107C	E-349-3	
41240					U	28107B*	E-339, 340	
41240A					V	28107B*	E-339, 340	
41240B					G	28107B*	E-339, 340	
41240C					AB	28107B*	E-339, 340	
41240D					AB	28107B*	E-339, 340	
41241					AB	28107A	E-336	
41242					AB	JB2809	E-336	
41243					AB	28236A	E-336	
41244			C5715	SVMU03 CONTROL ROOM PANEL	FF		E-353	
41245			EVMU03	SVMU03 TERMINAL BOX	AB		E-336	
41246			FPSLLMU03	SVMU03 PRESSURE SWITCH	AB		E-336	
41247			NVMU03	SVMU03 LOCAL CONTROLLER	AB		E-336	
41248			RC3703	SVMU03 RELAY CABINET	A		E-349-2	
41249			SVMU03	RC LETDOWN ISOLATION VALVE	AB		E-336	
42112		MU04	ACBE2259B	MU4 CONTROL CIRCUIT	G	28419A	E-336	
42113					AB	28419A	E-336	
42100			ACBE2259C	MU4 CONTROL CIRCUIT	G	28428A	E-336	
42101					G	ACFG	E-336	
42102					V	ACFG	E-350	
42103					V	ACJH	E-349, 350	
42104					A	ACJH	E-349	
42105					U	ACJH	E-349	
42106					CC	ACJH	E-347	

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APPENDIX B-1

CIRCUIT/SUB-COMPONENT LOCATION SUMMARY BY SYSTEM

ID No.	SYSTEM	COMPONENT	CIRCUIT/ SUB-COMP	DESCRIPTION	FIRE AREA	RACEWAY	RACEWAY DRAWING	CHANGE NO/TYP
42107	MUPS	MU04	ACBE2259C	MU4 CONTROL CIRCUIT	DD	ACJH	E-356	
42108					DD	ACPG	E-356	
42109					DD	ACPR	E-356	
42110					DD	ACP02B	E-356	
42111					FF	ACP02B	E-356	
42114			ACBE2259D	MU4 CONTROL CIRCUIT	AB	28206A	E-336	
42115			ACBE2259E	MU4 CONTROL CIRCUIT	AB	NIPPLE	E-336	
42116			APBE2259A	MU4 POWER CIRCUIT	G	28418A	E-336	
42117					AB	28418A	E-336	
42118			BE2259	MU4 CIRCUIT BREAKER (CH A)	G		E-336	
42119			C5703	MU4 CONTROL ROOM PANEL (CH A)	FF		E-353	
42120			EVMU040	MU4 TERMINAL BOX	AB		E-336	
42121			MVMU040	LETDOWN PRESSURE REDUCING VALVE	AB		E-336	
41300		MU10A	ACBE2262B	MU10A CONTROL CIRCUIT	G	28415A	E-336	
41301					G	28415A	E-336	
41302			ACBE2262C	MU10A CONTROL CIRCUIT	G	28431A	E-336	
41303					G	ACFG	E-336	
41304					V	ACFG	E-350	
41305					V	ACJH	E-349, 350	
41306					A	ACJH	E-349	
41307					U	ACJH	E-349	
41308					CC	ACJH	E-347	
41309					DD	ACJH	E-356	
41310					DD	ACPG	E-356	
41311					DD	ACPR	E-356	
41312					DD	ACP02B	E-356	
41313					FF	ACP02B	E-356	
41314			ACBE2262D	MU10A CONTROL CIRCUIT	G	28214A	E-336	
41315			ACBE2262E	MU10A CONTROL CIRCUIT	G	NIPPLE	E-336	
41316			APBE2262A	MU10A POWER CIRCUIT	G	28414A	E-336	
41317					G	28414A	E-336	
41318			BE2262	MU10A CIRCUIT BREAKER (CH A)	G		E-336	
41320			C5703	MU10A CONTROL ROOM PANEL (CH A)	FF		E-353	
41319			EVMU10A	MU10A TERMINAL BOX	G		E-336	
41321			MVMU10A	PURIFICATION DEMIN 1-1 IN VALVE	G		E-336	
41322			NVMU10A	MU10A LOCAL CONTROLLER	G		E-336	
41400		MU10B	ACBE2263B	MU10B CONTROL CIRCUIT	G	28413A	E-336	
41401					G	28413A	E-336	
41402			ACBE2263C	MU10B CONTROL CIRCUIT	G	28413A	E-336	
41403					G	ACFG	E-336	
41404					V	ACFG	E-350	
41405					V	ACJH	E-349, 350	
41406					A	ACJH	E-349	
41407					U	ACJH	E-349	
41408					CC	ACJH	E-347	
41409					DD	ACJH	E-356	
41410					DD	ACPG	E-356	
41411					DD	ACPR	E-356	
41412					DD	ACP02B	E-356	
41413					FF	ACP02B	E-356	
41414			ACBE2263D	MU10B CONTROL CIRCUIT	G	28213A	E-336	
41415			ACBE2263E	MU10B CONTROL CIRCUIT	G	NIPPLE	E-336	
41416			APBE2263A	MU10B POWER CIRCUIT	G	28412A	E-336	
41417					G	28412A	E-336	
41418			BE2263	MU10B CIRCUIT BREAKER (CH A)	G		E-336	
41419			C5703	MU10B CONTROL ROOM PANEL (CH A)	FF		E-353	
41420			EVMU10B	MU10B TERMINAL BOX	G		E-336	
41421			MVMU10B	PURIFICATION DEMIN 1-2 IN VALVE	G		E-336	
41422			NVMU10B	MU10B LOCAL CONTROLLER	G		E-336	
41500		MU11	ACBE2278B	MU11 CONTROL CIRCUIT	G	28005A	E-336	
41501					G	28005A	E-336	
41502					G	28005B	E-336	
41503			ACBE2278C	MU11 CONTROL CIRCUIT	G	28430A	E-336	
41504					G	ACFG	E-336	
41505					V	ACFG	E-350	
41506					V	ACJH	E-349, 350	
41507					A	ACJH	E-349	
41508					U	ACJH	E-349	
41509					CC	ACJH	E-347	
41510					DD	ACJH	E-356	
41511					DD	ACPG	E-356	
41512					DD	ACPR	E-356	
41513					DD	ACP02B	E-356	
41514					FF	ACP02B	E-356	
41515			ACBE2278D	MU11 CONTROL CIRCUIT	G	28430A	E-356	
41516					G	ACFG	E-336	

RACEWAY LEGEND (A) = 3-HR FIRE WRAP (B) = 1-HR FIRE WRAP (C) = RADIANT ENERGY SHIELD * = EMBEDDED CONDUIT

APPENDIX B-1

CIRCUIT/SUB-COMPONENT LOCATION SUMMARY BY SYSTEM

ID No.	SYSTEM	COMPONENT	CIRCUIT/ SUB-COMP	DESCRIPTION	FIRE AREA	RACEWAY	RACEWAY DRAWING	CHANGE NO/TYP
41517	MUPS	MU11	ACBE2278D	MU11 CONTROL CIRCUIT	G	28455A	E-336	
41518					G	ACFH	E-336	
41519					G	28300A	E-336	
41520			ACBE2278E	MU11 CONTROL CIRCUIT	G	28216A	E-336	
41521			ACBE2278F	MU11 CONTROL CIRCUIT	G	28355A	E-336	
41522			ACBE2278G	MU11 CONTROL CIRCUIT	G	NIPPLE	E-336	
41523			ACBE2278I	MU11 CONTROL CIRCUIT	G	28300A	E-336	
41524					G	ACFH	E-336	
41525					G	28455A	E-336	
41526					G	ACFG	E-336	
41527					V	ACFG	E-350	
41528					V	ACJH	E-349, 350	
41529					A	ACJH	E-349	
41530					U	ACJH	E-349	
41531					CC	ACJH	E-347	
41532					DD	ACJH	E-356	
41533					DD	ACPG	E-356	
41534					DD	ACPR	E-356	
41535					DD	ACP02B	E-356	
41536					FF	ACP02B	E-356	
41537			ACBE2278J	MU11 CONTROL CIRCUIT	G	28300A	E-336	
41538					G	ACFH	E-336	
41539					G	28254A	E-336	
41540					G	JB2805	E-336	
41541					G	ACFB	E-336	
41542					G	ACAB	E-335, 336	
41543					G	ACDA	E-335	
41544					U	ACDA	E-349	
41545					CC	ACDA	E-347	
41546					DD	ACDA	E-356	
41547					DD	ACPG	E-356	
41548					DD	ACEN	E-356	
41549					DD	ACP61B	E-356	
41550					FF	ACP61B	E-356	
41551			ACBE2278L	MU11 CONTROL CIRCUIT	G	28430A	E-336	
41552					G	ACFG	E-336	
41553					V	ACFG	E-350	
41554					V	ACJH	E-349, 350	
41555					A	ACJH	E-349	
41556					U	ACJH	E-349	
41557					CC	ACJH	E-349	
41558					DD	ACJH	E-356	
41559					DD	ACPG	E-356	
41560					DD	ACP59C	E-356	
41561					FF	ACP59C	E-356	
41562			ACBE2278M	MU11 CONTROL CIRCUIT	G	28300A	E-336	
41563					G	ACFH	E-336	
41564					G	28305A	E-336	
41565					G	28305A	E-336	
41566					G	28305C	E-336	
41567					G	EVMU11	E-336	
41568					G	28216A	E-336	
41569			ACBE2278N	MU11 CONTROL CIRCUIT	G	28299A	E-336	
41570					G	ACFH	E-336	
41571					G	28305A	E-336	
41572					G	28305A	E-336	
41573					G	28305C	E-336	
41574			APBE2278A	MU11 POWER CIRCUIT	G	28004A	E-336	
41575					G	28004A	E-336	
41576					G	28004B	E-336	
41577			BE2278	MU11 CIRCUIT BREAKER (CH A)	G		E-336	
41578			C5702	MU11 CONTROL ROOM PANEL (CH A)	FF		E-353	
41580			C5759C	MU11 CONTROL ROOM PANEL (CH A)	FF		E-353	
41579			C5761B	MU11 CONTROL ROOM PANEL (CH A)	FF		E-353	
41581			EVMU110	MU11 TERMINAL BOX	G		E-336	
41583			MVMU110	RC LET DOWN, DIVERTING VALVE	G		E-336	
41584			NVMU110	MU11 LOCAL CONTROLLER	G		E-336	
41582			RC2825	MU11 RELAY CABINET	G		E-336	
41584A		MU182	N/A	SEAL RETURN TO MU TANK ISO VLV	G	N/A		
41600		MU19	BCNNI261C	MU19 CONTROL CIRCUIT	DD	BCP59C	E-356-10	
41601					V	BCFE	E-348	
41602					FF	BCP59C	E-356-10	
41603					DD	BCPC	E-356-4	
41604					DD	BCFE	E-356-4	
41605					V	BCFE	E-348, 347	
41606					DG	BCFE	E-348	
41607					AB	BCFE	E-350	

RACEWAY LEGEND (A) = 3-HR FIRE WRAP (B) = 1-HR FIRE WRAP (C) = RADIANT ENERGY SHIELD * = EMBEDDED CONDUIT

APPENDIX B-1

CIRCUIT/SUB-COMPONENT LOCATION SUMMARY BY SYSTEM

ID No.	SYSTEM	COMPONENT	CIRCUIT/ SUB-COMP	DESCRIPTION	FIRE AREA	RACEWAY	RACEWAY DRAWING	CHANGE NO/TYP
41608	MUPS	MU19	BCNNI261C	MU19 CONTROL CIRCUIT	AB	BCJB	E-350	
41609					AB	27126A	E-350	
41610					AB	27126A	E-336	
41611			BCNNI264A	MU19 CONTROL CIRCUIT	FF	BCP59C	E-356-10	
41612					DD	BCP59C	E-356-10	
41613					DD	BCPC	E-356-4	
41614					V	BCFE	E-348, 347	
41615					DD	BCFE	E-356-4	
41616					AB	BCJE	E-350	
41617					AB	28025A	E-350	
41618					DG	BCFE	E-348	
41619					V	BCFE	E-348	
41620			BCY36218A	MU19 CONTROL CIRCUIT	DD	BCLB	E-356-4	
41621					V	BCLB	E-347, 348	
41622					V	48090C	E-348	
41623					V	BCFE	E-348	
41624					DG	BCFE	E-348	
41625					DD	BCPC	E-356-4	
41626					DD	BCKQ	E-356-4	
41627					AB	BCFE	E-350	
41628					V	BCFE	E-348	
41629					AB	BCFE	E-336	
41630					AB	28058A	E-336	
41631					II	36261B	E-338	
41632					II	BCVL	E-338	
41633					P	BCVL	E-338	
41634					P	BCGN	E-338	
41635					A	BCGN	E-338, 349-2	
41636					A	BCGN	E-349-2, 356-4	
41637					DD	BCGN	E-356-4	
41638					DD	BCKV	E-356-4	
41639					DD	BCPR	E-356-4	
41640			BLNNI261D	MU19 CONTROL CIRCUIT	CC	BLDE	E-347	
41641					U	BLDE	E-349-3	
41642					DD	BLP59C	E-356-10	
41643					DD	BLPA	E-356-5	
41644					DD	BLDE	E-356-5	
41645					FF	BLP59C	E-356-10	
41646					G	BLDE	E-335	
41647					G	BLET	E-335	
41648					G	27127C	E-335	
41649					AB	27127C	E-336	
41650					G	27127C	E-336	
41651			BLNNI264B	MU19 CONTROL CIRCUIT	DG	BLFC	E-348	
41652					DD	BLP59C	E-356-10	
41653					FF	BLP59C	E-356-10	
41654					DD	BLPA	E-356-5	
41655					DD	BLFC	E-356-5	
41656					V	BLFC	E-348, 347	
41657					AB	BLFC	E-350	
41658					AB	28025B	E-350	
41659			C5759C	MU19 CONTROL ROOM PANEL (CH. B)	FF		E-353	
41660			FTMU19	MU19 FLOW TRANSMITTER (CH. B)	AB		E-332	
41661			FYMU19-2	MU19 FLOW CONVERTER (CH. B)	AB		E-350	
41662			VMU19	SEAL INJECTION INLET ISOLATION VALVE	AB		E-350	
41663			Y3602	MU19 120V AC FUSE PANEL (CH. B)	II		E-338	
41664			ZTMU19	MU19 LIMIT SWITCH (CH. B)	AB		E-350	
41700		MU1903	ACBE2271B	MU1903 CONTROL CIRCUIT	G	28409A	E-336	
41701					G	28409A	E-336	
41702			ACBE2271C	MU1903 CONTROL CIRCUIT	G	28428A	E-336	
41703					G	ACFG	E-336	
41704					V	ACFG	E-350	
41705					V	ACJH	E-349, 350	
41706					A	ACJH	E-349	
41707					U	ACJH	E-349	
41708					CC	ACJH	E-347	
41709					DD	ACJH	E-356	
41710					DD	ACPG	E-356	
41711					DD	ACPR	E-356	
41712					DD	ACP02B	E-356	
41713					FF	ACP02B	E-356	
41714			ACBE2271D	MU1903 CONTROL CIRCUIT	G	28211A	E-336	
41715			ACBE2271E	MU1903 CONTROL CIRCUIT	G	NIPPLE	E-336	
41716			APBE2271A	MU1903 POWER CIRCUIT	G	28408A	E-336	
41717					G	28408A	E-336	
41718			BE2271	MU1903 CIRCUIT BREAKER (CH A)	G		E-336	
41719			C5703	MU1903 CONTROL ROOM PANEL (CH A)	FF		E-353	
41720			EV19030	MU1903 TERMINAL BOX	G		E-336	

RACEWAY LEGEND (A) = 3-HR FIRE WRAP (B) = 1-HR FIRE WRAP (C) = RADIANT ENERGY SHIELD * = EMBEDDED CONDUIT

APPENDIX B-1

CIRCUIT/SUB-COMPONENT LOCATION SUMMARY BY SYSTEM

ID No.	SYSTEM	COMPONENT	CIRCUIT/ SUB-COMP	DESCRIPTION	FIRE AREA	RACEWAY	RACEWAY DRAWING	CHANGE NO/TYP
41721	MUPS	MU1903	MV19030	PURIFICATION DEMIN 1-3 IN VALVE	G		E-336	
41722			NV19030	MV1903 LOCAL CONTROLLER	G		E-336	
41722A		MU203	N/A	RECIRC TO SEAL RET STOP VLV	AB	N/A		
41722B		MU206	N/A	RECIRC TO SEAL RET STOP VLV	AB	N/A		
43860		MU208	N/A	HPI TO RCP SEALS	AB	MAN		
43860A		MU214	N/A	SEAL INJ INLET MAN ISO VLV	AB	N/A		
43860B		MU216	N/A	SEAL INJ FLOW CONTRL BYPASS VLV	AB	N/A		
41800		MU32	BCNNI264C	MU32 CONTROL CIRCUIT	FF	BCP59C	E-356-10	
41801					DD	BCP59C	E-356-10	
41802					DD	BCPC	E-356-4	
41803					DD	BCPR	E-356-4	
41804					DD	BCPE	E-356-4	
41805					CC	BCEQ	E-347	
41806					U	BCEQ	E-349-3	
41807					G	BCEQ	E-335	
41808					G	27218A	E-335	
41809					AB	27218A	E-335	
41810			BCY36217A	MU32 CONTROL CIRCUIT	U	37475C	E-349-3	
41811					U	BCHD	E-349-3	
41812					A	BCHD	E-349-2	
41813					AB	27232B	E-335	
41814					G	27232B	E-335	
41815					G	BCEQ	E-335	
41816					U	BCEQ	E-349-3	
41817					A	BCJD	E-349-2	
41818					A	BCHK	E-349-2	
41819					A	BCGM	E-349-2	
41820					A	36542A	E-349-2	
41821					A	BCGN	E-349-2	
41822					P	BCGN	E-338	
41823					P	BCVL	E-338	
41824					II	BCVL	E-338	
41825					II	36261A	E-338	
41826			BLCOF532A	MU32 INSTRUMENTATION CIRCUIT	FF	BLP52F	E-356-10	
41827					DD	BLP52F	E-356-10	
41828					DD	BLPA	E-356-5	
41829					DD	BLJK	E-356-5	
41830					A	BLJK	E-347, 349-2	
41831					A	BLJK	E-349-2	
41832					A	BLHC	E-349-2	
41833					U	BLHC	E-349-3	
41834					U	37508A	E-349-3	
41835			BLCOF532C	MU32 INSTRUMENTATION CIRCUIT	U	37508A	E-349-3	
41836					U	BLHC	E-349-3	
41837					U	37164A	E-349-3	
41838					U	BLDE	E-349-3	
41839					G	BLDE	E-335	
41840					G	BLET	E-335	
41841					G	27232A	E-335	
41842					AB	27232A	E-335	
41843			BLNNI264D	MU32 CONTROL CIRCUIT	FF	BLP59C	E-356-10	
41844					DD	BLP59C	E-356-10	
41845					DD	BLPA	E-356-5	
41846					DD	BLDE	E-356-5	
41847					CC	BLDE	E-347	
41848					U	BLDE	E-349-3	
41849					G	BLDE	E-335	
41850					G	BLET	E-335	
41851					G	27218B	E-335	
41852					AB	27218B	E-335	
41853			C5752F	MU32 CONTROL ROOM PANEL (CH. B)	FF		E-353	
41854			C5759C	MU32 CONTROL ROOM PANEL (CH. B)	FF		E-353	
41855			FYMU32	MU32 FLOW CONVERTER (CH. B)	AB		E-335	
41856			FZTMU32	MU32 LIMIT SWITCH (CH. B)	AB		E-335	
41857			JT3708	MU32 TERMINAL BOX (CH. B)	U		E-349-3	
41858			MU32	RC MAKEUP ISOLATION VALVE (CH. B)	AB		E-335	
41859			Y3602	MU32 120V AC FUSE PANEL (CH. B)	II		E-338	
41915		MU38	2CVMU38A	SVMU38 CONTROL CIRCUIT	AB	28235A	E-336	
41916			2CVMU38B	SVMU38 CONTROL CIRCUIT	AB	Nipple	E-336, 418	
41917			2CVMU38C	SVMU38 CONTROL CIRCUIT	FF	2CP17C	E-356-8	
41918					DD	2CP17C	E-356-8	
41919					DD	2CPN	E-356-7	

RACEWAY LEGEND (A) = 3-HR FIRE WRAP (B) = 1-HR FIRE WRAP (C) = RADIANT ENERGY SHIELD * = EMBEDDED CONDUIT

APPENDIX B-1

CIRCUIT/SUB-COMPONENT LOCATION SUMMARY BY SYSTEM

ID No.	SYSTEM	COMPONENT	CIRCUIT/ SUB-COMP	DESCRIPTION	FIRE AREA	RACEWAY	RACEWAY DRAWING	CHANGE NO/TYP
41920	MUPS	MU38	2CVMU38C	SVMU38 CONTROL CIRCUIT	DD	2CEV	E-356-7	
41921					CC	2CEV	E-347	
41922					U	2CEV	E-349-3	
41923					U	28107C	E-349-3	
41924					U	28107B*	E-339, 340	
41924A					V	28107B*	E-339, 340	
41924B					G	28107B*	E-339, 340	
41924C					AB	28107B*	E-339, 340	
41924D					AB	28107B*	E-339, 340	
41925					AB	28107A	E-336	
41926					AB	JB2809	E-336	
41927					AB	28234A	E-336	
41928			2CVMU38D	SVMU38 CONTROL CIRCUIT	FF	2CP56D	E-424	
41929					DD	2CP56D	E-424	
41930					DD	2CPN	E-356-7	
41931					DD	2CEV	E-356-7	
41932					CC	2CEV	E-347	
41933					U	2CEV	E-349-3	
41934					U	28107C	E-349-3	
41935					U	28107B*	E-339, 340	
41935A					V	28107B*	E-339, 340	
41935B					G	28107B*	E-339, 340	
41935C					AB	28107B*	E-339, 340	
41935D					AB	28107B*	E-339, 340	
41936					AB	28107A	E-336	
41937					AB	JB2809	E-336	
41938					AB	28234A	E-336	
41939					AB	28235A	E-336	
41940			2CVMU38E	SVMU38 CONTROL CIRCUIT	AB	28234A	E-336	
41941					AB	JB2809	E-336	
41942					AB	28107A	E-336	
41943					AB	28107B*	E-339, 340	
41943A					AB	28107B*	E-339, 340	
41943B					G	28107B*	E-339, 340	
41943C					V	28107B*	E-339, 340	
41943D					U	28107B*	E-339, 340	
41944					U	28107C	E-349	
41945					U	2CEV	E-356	
41946					CC	2CEV	E-356	
41947					DD	2CEV	E-356	
41948					DD	2CPN	E-356	
41949					DD	2CP56D	E-424	
41950					FF	2CP56D	E-424	
41951			C5717	SVMU38 CONTROL ROOM PANEL (CH. 2)	FF		E-353	
41952			C5756D	SVMU38 CONTROL ROOM PANEL (CH. 2)	FF		E-353	
41953			EVMU38	SVMU38 TERMINAL BOX (CH. 2)	AB		E-336, 418	
41954			NVMU38	SVMU38 LOCAL CONTROLLER (CH. 2)	AB		E-336, 418	
41955			SVMU38	RCP SEAL RETURN ISOLATION VALVE (CH. 2)	AB		E-336	
42000		MU3971	2CBF1617A	MV3971 CONTROL CIRCUIT	X	46963B	E-346-1	
42001					X	JB4676	E-346-1	
42002					X	46963D	E-346-1	
42003					X	2CKL	E-346-1	
42004					DF	2CKL	E-346-1, 347	
42005					DD	2CKL	E-356-7	
42006					DD	2CPN	E-356-1B,356-7	
42007					FF	UNSCHED	E-353	
42008			2CBF1617B	MV3971 CONTROL CIRCUIT	X	46963A	E-346	
42009					X	JB4676	E-346	
42010					X	46963B	E-346	
42011			2CBF1617C	MV3971 CONTROL CIRCUIT	X	46963A	E-346	
42012					X	JB4676	E-346	
42013					X	46963C	E-346	
42014			2CBF1617E	MV3971 CONTROL CIRCUIT	X	46963A	E-346-1	
42015					X	JB4676	E-346-1	
42016					X	46963D	E-346-1	
42017					X	2CKL	E-346	
42018					DF	2CKL	E-346, 347	
42019					DD	2CKL	E-356-7	
42020					DD	2CPR	E-356-7	
42021					DD	2CKN	E-356-7	
42022					DD	2CED	E-356-7	
42023					DD	2CEG	E-356-7	
42024					A	2CEG	E-347	
42025					A	2CEG	E-335	
42026					A	2CEH	E-335, 335-1	
42027					A	27877A	E-335	
42028					A	EV64220	E-335	
42029					A	27879A	E-335	

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APPENDIX B-1

CIRCUIT/SUB-COMPONENT LOCATION SUMMARY BY SYSTEM

ID No.	SYSTEM	COMPONENT	CIRCUIT/ SUB-COMP	DESCRIPTION	FIRE AREA	RACEWAY	RACEWAY DRAWING	CHANGE NO/TYP
42030	MUPS	MU3971	2CBF1617E	MV3971 CONTROL CIRCUIT	G	27879A	E-335	
42031					AB	27879A	E-335	
42032					AB	JB2761	E-335	
42033					AB	27879F	E-335	
42034			2CBF1617F	MV3971 CONTROL CIRCUIT	AB	27879G	E-335	
42035			2CBF1617G	MV3971 CONTROL CIRCUIT	AB	NIPPLE	E-335	
42036			2PBF1617D	MV3971 POWER CIRCUIT	X	46962A	E-346	
42037					X	46962C	E-346	
42038					X	JB4675	E-346	
42039					X	46962D	E-346	
42040					DF	46962D	E-347	
42041					DF	JB4716	E-347-1	
42042					DF	46962E	E-347-1	
42043					A	46962E	E-349-2	
42044					A	46962E	E-335-1	
42045					A	JB2759	E-335-1	
42046					G	46962G	E-335-1	
42047					AB	JB2760	E-335-1	
42048					AB	46962J	E-335-1	
42056			ACHILOWAA	MV3971 CONTROL CIRCUIT	V	48091A	E-348	
42057					V	ACLC	E-348, 347	
42058					DD	ACLC	E-356	
42059					FF	ACPG	E-353	
42060					FF	ACP59C	E-356	
42061			ACHILOWAB	MV3971 CONTROL CIRCUIT	FF	ACP59C	E-356	
42062					FF	ACPG	E-353	
42063					FF	ACP60D	E-353	
42064					DD	ACP60D	E-356	
42065			ACHILOWAC	MV3971 CONTROL CIRCUIT	FF	ACP59C	E-356	
42066					FF	ACPG	E-353	
42067					DD	ACP60D	E-353	
42068					FF	ACP60D	E-356	
42077			AD105	MV3971 CIRCUIT BREAKER (CH B)	DF		E-346	
42049			BCHILOW2A	MV3971 CONTROL CIRCUIT	X	46964A	E-346-1	
42050					X	BCKQ	E-346-1	
42051					DF	BCKQ	E-346-1,347-1	
42052					DD	BCKQ	E-356-4	
42053					DD	BCPC	E-356-4	
42054					DD	BCFE	E-356-4	
42055					V	BCFE	E-347, 348	
42069			BF1617	MV3971 CIRCUIT BREAKER (CH 2)	X		E-346	
42070			C5703	MV3971 CONTROL ROOM PANEL (CH 2)	FF		E-353	
42079			C5759C	MV3971 CONTROL ROOM PANEL (CH B)	FF		E-353	
42080			C5760D	MV3971 CONTROL ROOM PANEL (CH B)	FF		E-353	
42074			CDF16A	MV3971 DISCONNECT SWITCH (CH 2)	X		E-346	
42071			EV3971	MV3971 TERMINAL BOX (CH 2)	AB		E-335	
42076			JT5722	MV3971 JUNCTION BOX (CH 2)	DD		E-356	
42072			MU3971	RC MU PUMP SUCTION VALVE (CH 2)	AB		E-335	
42073			NV3971	MV3971 LOCAL CONTROLLER (CH 2)	AB		E-335	
42075			RC4606	MV3971 RELAY CABINET (CH 2)	X		E-346	
42078			RC4802	MV3971 RELAY CABINET (CH B)	V		E-338	
42200		MU59A	1CBE1174C	MU59A CONTROL CIRCUIT	V	1CJP	E-350	
42201					AB	1CJP	E-350	
42202					AB	38076C	E-350	
42203			1CBE1174D	MU59A CONTROL CIRCUIT	D	29055A	E-363	
42204					D	JB2912	E-373	
42205					D	29056A	E-373	
42206					AB	Exposed	E-378B-3	
42207			1CBE1174E	MU59A CONTROL CIRCUIT	V	1CJP	E-350	
42208					V	1CJM	E-350	
42209					V	38563A	E-350	
42210			1CBE1174F	MU59A CONTROL CIRCUIT	V	38562A	E-350	
42211					V	1CJL	E-349, 350	
42212					U	1CJL	E-349	
42213					CC	1CJL	E-347	
42214					DD	1CJL	E-356	
42215					DD	1CPL	E-356	
42216					DD	1CPT	E-356	
42217					DD	1CPM	E-356	
42218					DD	1CP17A	E-356-8	
42219					FF	1CP17A	E-356-8	
42220			1CBE1174G	MU59A CONTROL CIRCUIT	V	38378A	E-350	
42221					V	1CJL	E-349, 350	
42222					U	1CJL	E-349	
42223					CC	1CJL	E-347	
42224					DD	1CJL	E-356	
42225					DD	1CPL	E-356	
42226					DD	1CP63D	E-424	

RACEWAY LEGEND (A) = 3-HR FIRE WRAP (B) = 1-HR FIRE WRAP (C) = RADIANT ENERGY SHIELD * = EMBEDDED CONDUIT

APPENDIX B-1

CIRCUIT/SUB-COMPONENT LOCATION SUMMARY BY SYSTEM

ID No.	SYSTEM	COMPONENT	CIRCUIT/ SUB-COMP	DESCRIPTION	FIRE AREA	RACEWAY	RACEWAY DRAWING	CHANGE NO/TYP
42227	MUPS	MU59A	1CBE1174G	MU59A CONTROL CIRCUIT	FF	1CP63D	E-424	
42228			1PBE1174A	MU59A POWER CIRCUIT	V	38006A	E-350	
42228A					V	38006A*	E-340	
42228B					G	38006A*	E-340	
42228C					AB	38006A*	E-340	
42228D					AB	38006A*	E-340	
42229					AB	38006A	E-350	
42230					AB	JB3806	E-350	
42231					AB	1PJA	E-350	
42232			1PBE1174B	MU59A POWER CIRCUIT	D	29035A	E-363	
42233					D	JB2908	E-363	
42234					D	29036A	E-363	
42235					AB	Exposed	E-378B-3	
42236			BE1174	MU59A CIRCUIT BREAKER (CH 1)	V		E-350	
42237			C5717	MU59A CONTROL ROOM PANEL (CH 1)	FF		E-353	
42238			C5763D	MU59A CONTROL ROOM PANEL (CH 1)	FF		E-353	
42244			CDE11B-1	MU59A DISCONNECT SWITCH (CH 1)	V		E-350	
42243			MVMU59A	RCP2-1 SEAL RET ISO VLV (CH 1)	D		E-363	
42240			P1C2LI	MU59A PENETRATION TERMINAL BOX (CH 1)	D		E-363	
42239			P1C2LX	MU59A PENETRATION TERMINAL BOX (CH 1)	AB		E-350	
42242			P1P2MI	MU59A PENETRATION TERMINAL BOX (CH 1)	D		E-363	
42241			P1P2MX	MU59A PENETRATION TERMINAL BOX (CH 1)	AB		E-363	
42300		MU59B	1CBE1175C	MU59B CONTROL CIRCUIT	V	1CJP	E-350	
42301					AB	1CJP	E-350	
42302					AB	38076C	E-350	
42303			1CBE1175D	MU59B CONTROL CIRCUIT	D	29055A	E-363	
42304					D	JB2912	E-373	
42305					D	29057A	E-373	
42306					AB	Exposed	E-378B	
42307			1CBE1175E	MU59B CONTROL CIRCUIT	V	1CJP	E-350	
42308					V	1CJM	E-350	
42309					V	38563A	E-350	
42310			1CBE1175F	MU59B CONTROL CIRCUIT	V	38562A	E-350	
42311					V	1CJL	E-349, 350	
42312					U	1CJL	E-349	
42313					CC	1CJL	E-347	
42314					DD	1CJL	E-356	
42315					DD	1CPL	E-356	
42316					DD	1CPT	E-356	
42317					DD	1CPM	E-356	
42318					DD	1CP17A	E-356	
42319					FF	1CP17A	E-356	
42320			1CBE1175G	MU59B CONTROL CIRCUIT	V	1CJP	E-350	
42321					V	1CJM	E-349, 350	
42322					U	1CJM	E-349	
42323					CC	1CJM	E-347	
42324					DD	1CJM	E-356	
42325					DD	1CPL	E-356	
42326					DD	1CP63D	E-424	
42327					FF	1CP63D	E-424	
42328			1PBE1175A	MU59B POWER CIRCUIT	V	38005A	E-350	
42329					AB	38005B	E-350	
43328A					V	38005A*	E-340	
43328B					G	38005A*	E-340	
43328C					AB	38005A*	E-340	
43328D					AB	38005A*	E-340	
42330			1PBE1175B	MU59B POWER CIRCUIT	D	29035A	E-373	
42331					D	JB2908	E-373	
42332					D	29037A	E-373	
42333					AB	Exposed	E-378B	
42334			BE1175	MU59B CIRCUIT BREAKER (CH 1)	V		E-350	
42335			C5717	MU59B CONTROL ROOM PANEL (CH 1)	FF		E-353	
42336			C5763D	MU59B CONTROL ROOM PANEL (CH 1)	FF		E-353	
42342			CDE11B-1	MU59B DISCONNECT SWITCH (CH 1)	V		E-350	
42341			MVMU59B	RCP 2-2 SEAL RET ISO VLV (CH 1)	D		E-363	
42338			P1C2LI	MU59B PENETRATION TERMINAL BOX (CH 1)	D		E-363	
42337			P1C2LX	MU59B PENETRATION TERMINAL BOX (CH 1)	AB		E-350	
42340			P1P2MI	MU59B PENETRATION TERMINAL BOX (CH 1)	D		E-363	
42339			P1P2MX	MU59B PENETRATION TERMINAL BOX (CH 1)	AB		E-350	
42400		MU59C	1CBE1177C	MU59C CONTROL CIRCUIT	V	1CJP	E-350	
42401					AB	1CJP	E-350	
42402					AB	38076C	E-350	
42403			1CBE1177D	MU59C CONTROL CIRCUIT	D	29055A	E-363	
42404					D	JB2912	E-373	
42405					D	29058A	E-373	
42406					AB	Exposed	E-378B	
42407			1CBE1177E	MU59C CONTROL CIRCUIT	V	38378A	E-350	

RACEWAY LEGEND (A) = 3-HR FIRE WRAP (B) = 1-HR FIRE WRAP (C) = RADIANT ENERGY SHIELD * = EMBEDDED CONDUIT

APPENDIX B-1

CIRCUIT/SUB-COMPONENT LOCATION SUMMARY BY SYSTEM

ID No.	SYSTEM	COMPONENT	CIRCUIT/ SUB-COMP	DESCRIPTION	FIRE AREA	RACEWAY	RACEWAY DRAWING	CHANGE NO/TYP
42408	MUPS	MU59C	1CBE1177E	MU59C CONTROL CIRCUIT	V	1CJL	E-350	
42409					V	38561A	E-350	
42410			1CBE1177F	MU59C CONTROL CIRCUIT	V	38559A	E-350	
42411					V	1CJL	E-349, 350	
42412					U	1CJL	E-349	
42413					CC	1CJL	E-347	
42414					DD	1CJL	E-356	
42415					DD	1CPL	E-356	
42416					DD	1CPT	E-356	
42417					DD	1CPM	E-356	
42418					DD	1CP17A	E-356	
42419					FF	1CP17A	E-356	
42420			1CBE1177G	MU59C CONTROL CIRCUIT	V	1CJP	E-350	
42421					V	1CJM	E-349, 350	
42422					U	1CJM	E-349	
42423					CC	1CJM	E-347	
42424					DD	1CJM	E-356	
42425					DD	1CPL	E-356	
42426					DD	1CP63D	E-424	
42427					FF	1CP63D	E-424	
42428			1PBE1177A	MU59C POWER CIRCUIT	V	38007A	E-350	
42428A					V	38007A*	E-340	
42428B					G	38007A*	E-340	
42428C					AB	38007A*	E-340	
42428D					AB	38007A*	E-340	
42429					AB	38007B	E-350	
42430			1PBE1177B	MU59C POWER CIRCUIT	D	29035A	E-373	
42431					D	JB2908	E-373	
42432					D	29038A	E-373	
42433					AB	Exposed	E-378B	
42434			BE1177	MU59C CIRCUIT BREAKER (CH 1)	V		E-350	
42439			C5717	MU59C CONTROL ROOM PANEL (CH 1)	FF		E-353	
42440			C5763D	MU59C CONTROL ROOM PANEL (CH 1)	FF		E-353	
42441			CDE11B-2	MU59C DISCONNECT SWITCH (CH 1)	V		E-350	
42442			MVMU59C	RCP 1-1 SEAL RET VLV (CH 1)	D		E-363	
42436			P1C2LI	MU59C PENETRATION TERMINAL BOX (CH 1)	D		E-363	
42435			P1C2LX	MU59C PENETRATION TERMINAL BOX (CH 1)	AB		E-350	
42438			P1P2MI	MU59C PENETRATION TERMINAL BOX (CH 1)	D		E-363	
42437			P1P2MX	MU59C PENETRATION TERMINAL BOX (CH 1)	AB		E-350	
42500		MU59D	1CBE1178C	MU59D CONTROL CIRCUIT	V	1CJP	E-350	
42501					AB	1CJP	E-350	
42502					AB	38076A	E-350	
42503			1CBE1178D	MU59D CONTROL CIRCUIT	D	29055A	E-363	
42504					D	JB2912	E-373	
42505					D	29059A	E-373	
42506					AB	Exposed	E-378B	
42507			1CBE1178E	MU59D CONTROL CIRCUIT	V	38378A	E-350	
42508					V	1CJL	E-350	
42509					V	38560A	E-350	
42510			1CBE1178F	MU59D CONTROL CIRCUIT	V	38559A	E-350	
42511					V	1CJL	E-349, 350	
42512					U	1CJL	E-349	
42513					CC	1CJL	E-347	
42514					DD	1CJL	E-356	
42515					DD	1CPL	E-356	
42516					DD	1CPT	E-356	
42517					DD	1CPM	E-356	
42518					DD	1CP17A	E-356	
42519					FF	1CP17A	E-356	
42520			1CBE1178G	MU59D CONTROL CIRCUIT	V	1CJP	E-350	
42521					V	1CJM	E-349, 350	
42522					U	1CJM	E-349	
42523					CC	1CJM	E-347	
42524					DD	1CJM	E-356	
42525					DD	1CPL	E-356	
42526					DD	1CP63D	E-424	
42527					FF	1CP63D	E-424	
42528			1PBE1178A	MU59D POWER CIRCUIT	V	38008A	E-350	
42528A					V	38008A*	E-340	
42528B					G	38008A*	E-340	
42528C					AB	38008A*	E-340	
42528D					AB	38008A*	E-340	
42529					AB	38008A	E-350	
42530					AB	JB3806	E-350	
42531					AB	1PJA	E-350	
42532			1PBE1178B	MU59D POWER CIRCUIT	D	29035A	E-373	
42533					D	JB2908	E-373	
42534					D	29039A	E-373	

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APPENDIX B-1

CIRCUIT/SUB-COMPONENT LOCATION SUMMARY BY SYSTEM

ID No.	SYSTEM	COMPONENT	CIRCUIT/ SUB-COMP	DESCRIPTION	FIRE AREA	RACEWAY	RACEWAY DRAWING	CHANGE NO/TYP
42535	MUPS	MU59D	1PBE1178B	MU59D POWER CIRCUIT	AB	Exposed	E-378B	
42536			BE1178	MU59D CIRCUIT BREAKER (CH 1)	V		E-350	
42541			C5717	MU59D CONTROL ROOM PANEL (CH 1)	FF		E-353	
42542			C5763D	MU59D CONTROL ROOM PANEL (CH 1)	FF		E-353	
42543			CDE11B-2	MU59D DISCONNECT SWITCH (CH 1)	V		E-350	
42544			MVMU59D	RCP 1-2 SEAL RET VLV (CH 1)	D		E-363	
42538			P1C2LI	MU59D PENETRATION TERMINAL BOX (CH 1)	D		E-363	
42537			P1C2LX	MU59D PENETRATION TERMINAL BOX (CH 1)	AB		E-356	
42539			P1P2MX	MU59D PENETRATION TERMINAL BOX (CH 1)	AB		E-350	
42540			P1PC2MI	MU59D PENETRATION TERMINAL BOX (CH 1)	D		E-363	
42600		MU6405	1CBE1127A	MV6405 CONTROL CIRCUIT	G	1CEY	E-335	
42601					G	27503A	E-335	
42603					G	1CDB	E-349	
42604					U	1CDB	E-335	
42605					CC	1CDB	E-347	
42606					DD	1CDB	E-356-6	
42607					DD	1CPL	E-356-6	
42608					DD	1CPT	E-356-6	
42609					DD	1CPM	E-356-1B,356-6	
42610					FF	UNSCHED	E-353	
42611			1CBE1127B	MV6405 CONTROL CIRCUIT	G	27710B	E-335, 418	
42612			1CBE1127C	MV6405 CONTROL CIRCUIT	G	27503A	E-335	
42613					U	1CDB	E-347, 349	
42614					CC	1CDB	E-347	
42615					DD	1CDB	E-356-6	
42616					DD	1CPL	E-356-6	
42617					DD	1CLA	E-356-6	
42618					V	1CLA	E-347, 348	
42619					V	48083A	E-348	
42620					DG	1CLA	E-348	
42621			1CBE1127E	MV6405 CONTROL CIRCUIT	G	27881A	E-335-1	
42622					AB	27881A	E-335-1	
42623					AB	JB2762	E-335-1	
42624					AB	27881D	E-335-1	
42625			1CBE1127F	MV6405 CONTROL CIRCUIT	AB	27881E	E-335	
42626			1CBE1127G	MV6405 CONTROL CIRCUIT	AB	NIPPLE	E-335	
42627			1PBE1127D	MV6405 POWER CIRCUIT	G	27876A	E-335-1	
42628					AB	27876A	E-335-1	
42629					AB	JB2749	E-335-1	
42630					AB	27876C	E-335-1	
42631			ACHILOW1A	MV6405 CONTROL CIRCUIT	V	48091A	E-348	
42632					V	ACLC	E-348	
42633					V	48556A	E-348	
42634					DG	ACLC	E-348	
42635			ACHILOWAA	MV6405 CONTROL CIRCUIT	V	48091A	E-348	
42636					V	ACLC	E-348, 347	
42637					DD	ACLC	E-356-2	
42638					FF	ACPG	E-353	
42639					FF	ACP59C	E-356	
42640			ACHILOWAB	MV6405 CONTROL CIRCUIT	FF	ACP59C	E-356-10	
42641					DD	ACPG	E-353-10	
42642					FF	ACP60D	E-356-10	
42643					DD	ACP60D	E-356-10	
42644			ACHILOWAC	MV6405 CONTROL CIRCUIT	FF	ACP59C	E-356-10	
42645					DD	ACPG	E-356-10	
42646					DD	ACP60D	E-356-10	
42647					FF	ACP60D	E-356-10	
42648			BE1127	MV6405 CIRCUIT BREAKER (CH 1)	G		E-336	
42602			BE11D	MV6405 CONTROL CIRCUIT	G		E-335	
42649			C5703	MV6405 CONTROL ROOM PANEL (CH 1)	FF		E-353	
42656			C5759C	MV6405 CONTROL ROOM PANEL (CH A)	FF		E-353	
42657			C5760D	MV6405 CONTROL ROOM PANEL (CH A)	FF		E-353	
42653			CDE11D	MV6405 DISCONNECT SWITCH (CH 1)	G		E-335	
42650			EV6405	MV6405 TERMINAL BOX (CH 1)	AB		E-335	
42658			JT5721	MV6405 JUNCTION BOX (CH 1)	DD		E-356	
42651			MV6405	RC MU PUMP SUCTION VALVE (CH 1)	AB		E-335	
42652			NV6405	MV6405 LOCAL CONTROLLER (CH 1)	AB		E-335	
42654			RC4801	MV6405 RELAY CABINET (CH A)	V		E-338	
42655			RC4802	MV6405 RELAY CABINET (CH A)	V		E-338	
42700		MU6406	2CV6406A	SVMU6406 CONTROL CIRCUIT	AB	27879J	E-335	
42700A					AB	JB2741	E-335	
42700B					AB	27879K	E-335	
42701			2CV6406B	SVMU6406 CONTROL CIRCUIT	AB	NIPPLE	E-335	
42702			2CV6406C	SVMU6406 CONTROL CIRCUIT	FF	UNSCHED	E-335	
42703					DD	2CPN	E-335	
42704					DD	2CED	E-356	
42705					DD	2CEG	E-356	

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APPENDIX B-1

CIRCUIT/SUB-COMPONENT LOCATION SUMMARY BY SYSTEM

ID No.	SYSTEM	COMPONENT	CIRCUIT/ SUB-COMP	DESCRIPTION	FIRE AREA	RACEWAY	RACEWAY DRAWING	CHANGE NO/TYP
42706	MUPS	MU6406	2CV6406C	SVMU6406 CONTROL CIRCUIT	A	2CEG	E-397	
42707					A	2CEG	E-335	
42708					A	2CEH	E-335	
42709					A	27877A	E-335	
42710					A	EV64220	E-335	
42711					A	27879A	E-335	
42712					G	27879A	E-335	
42713					AB	27879A	E-335	
42714					AB	JB2761	E-335	
42715					AB	27879H	E-335	
42716			2CV6406D	SVMU6406 CONTROL CIRCUIT	AB	27879H	E-335	
42717					AB	JB2761	E-335	
42718					AB	27879A	E-335	
42719					G	27879A	E-335	
42720					A	27879A	E-335	
42721					A	EV64220	E-335	
42722					A	27877A	E-335	
42723					A	2CEH	E-335	
42724					A	2CEG	E-335	
42725					A	2CEG	E-347	
42726					DD	2CEG	E-356	
42727					DD	2CED	E-356	
42728					DD	2CKN	E-356	
42729					DD	2CPR	E-356	
42730					DD	2CKL	E-356	
42731					DF	2CKL	E-346	
42732					X	2CKL	E-346	
42733					X	46963D	E-346	
42734					X	JB4676	E-346	
42735					X	46963C	E-346	
42736			C5703	SVMU6406 CONTROL ROOM PANEL (CH 2)	FF		E-353	
42737			C5706/10	SVMU6406 CONTROL ROOM PANEL (CH 2)	FF		E-353	
42740			EV6406	SVMU6406 TERMINAL BOX (CH 2)	AB		E-335	
42738			JT5722	SVMU6406 JUNCTION BOX (CH 2)	DD		E-356	
42742			NV6406	SVMU6406 LOCAL CONTROLLER (CH 2)	AB		E-335	
42739			RC4606	SVMU6406 RELAY CABINET (CH 2)	X		E-346	
42741					AB		E-335	
42742		MU6406	SVMU6406	MU6406 SOLONOID VALVE (CH 2)	AB		E-335	
42800		MU6407	1CV6407A	SVMU6407 CONTROL CIRCUIT	AB	27883B	E-335	
42800A					AB	JB2742	E-335	
42800B					AB	27883C	E-335	
42801			1CV6407B	SVMU6407 CONTROL CIRCUIT	AB	NIPPLE	E-335	
42802			1CV6407C	SVMU6407 CONTROL CIRCUIT	AB	27883A	E-335	
42803					G	27883A	E-335	
42804					G	1CDB	E-349	
42805					U	1CDB	E-349	
42806					CC	1CDB	E-347	
42807					DD	1CDB	E-356	
42808					DD	1CPL	E-356	
42809					DD	1CPT	E-356	
42810					DD	1CPM	E-356	
42811					DD	1CP	E-356	
42812					FF	UNSCHED	E-353	
42813			1CV6407D	SVMU6407 CONTROL CIRCUIT	AB	27883A	E-335	
42814					G	27883A	E-335	
42815					G	1CDB	E-349	
42816					U	1CDB	E-349	
42817					CC	1CDB	E-347	
42818					DD	1CDB	E-356	
42819					DD	1CPL	E-356	
42820					DD	1CLA	E-356	
42821					V	1CLA	E-347	
42822					V	48083A	E-348	
42823					DG	48083A	E-348	
42824					DG	1CLA	E-348	
42825			C5703	SVMU6407 CONTROL ROOM PANEL (CH 1)	FF		E-353	
42826			C5706/10	SVMU6407 CONTROL ROOM PANEL (CH 1)	FF		E-353	
42829			EV6407	SVMU6407 TERMINAL BOX (CH 1)	AB		E-335	
42827			JT5721	SVMU6407 JUNCTION BOX (CH 1)	DD		E-356	
42831			NV6407	SVMU6407 LOCAL CONTROLLER (CH 1)	AB		E-335	
42828			RC4801	SVMU6407 RELAY CABINET (CH 1)	V		E-348	
42830					AB		E-335	
42831		MU6407	SVMU6407	MU6407 SOLONOID VALVE (CH 1)	AB		E-335	
42900		MU6408	2CBF1208A	MV6408 CONTROL CIRCUIT	X	46526B	E-346	
42901					X	2CKM	E-346	

RACEWAY LEGEND (A) = 3-HR FIRE WRAP (B) = 1-HR FIRE WRAP (C) = RADIANT ENERGY SHIELD * = EMBEDDED CONDUIT

APPENDIX B-1

CIRCUIT/SUB-COMPONENT LOCATION SUMMARY BY SYSTEM

ID No.	SYSTEM	COMPONENT	CIRCUIT/ SUB-COMP	DESCRIPTION	FIRE AREA	RACEWAY	RACEWAY DRAWING	CHANGE NO/TYP
42902	MUPS	MU6408	2CBF1208A	MV6408 CONTROL CIRCUIT	DF	2CKM	E-346, 347	
42903					DD	2CKM	E-356	
42904					DD	2CPN	E-350	
42905					FF	UNSCHED	E-353	
42906			2CBF1208B	MV6408 CONTROL CIRCUIT	X	46740A	E-346	
42907					X	2CKM	E-346	
42908					X	46526A	E-346	
42909			2CBF1208C	MV6408 CONTROL CIRCUIT	X	46739D	E-346	
42910					X	2CKM	E-346	
42911					DF	2CKM	E-347	
42912					DD	2CKM	E-356	
42913					DD	2CPR	E-356	
42914					DD	2CKN	E-356	
42915					DD	2CED	E-356	
42916					DD	2CEG	E-356	
42917					A	2CEG	E-347	
42918					A	2CEG	E-335	
42919					A	2CEH	E-335	
42920					A	27877A	E-335	
42921					A	EV64220	E-335	
42922					A	27879A	E-335	
42923					G	27879A	E-335	
42924					AB	27879A	E-335	
42925					AB	JB2761	E-335	
42926					AB	27879B	E-335	
42927			2CBF1208D	MV6408 CONTROL CIRCUIT	AB	NIPPLE	E-335	
42928			2CBF1208E	MV6408 CONTROL CIRCUIT	AB	27879E	E-335	
42929			2PBF1208F	MV6408 POWER CIRCUIT	X	46962B	E-346	
42930					X	46962C	E-346	
42931					X	JB4675	E-346	
42932					X	46962D	E-346	
42933					DF	JB4716	E-347	
42934					DF	46962E	E-347	
42935					A	46962E	E-349	
42936					A	46962E	E-347, 349, 335	
42937					A	JB2759	E-335	
42938					G	46962G	E-335	
42939					AB	JB2760	E-335	
42940					AB	46962K	E-335	
42941			BF1208	MV6408 CIRCUIT BREAKER (CH 2)	X		E-346	
42942			C5703	MV6408 CONTROL ROOM PANEL (CH 2)	FF		E-353	
42946			CDF12A-2	MV6408 DISCONNECT SWITCH (CH 2)	X		E-346	
42943			EV6408	MV6408 TERMINAL BOX (CH 2)	AB		E-335	
42947			JT5722	MV6408 JUNCTION BOX (CH 2)	DD		E-346	
42944			MV6408	MV6408 CROSS CONNECT ISO VLV	AB		E-335	
42945			NV6408	MV6408 LOCAL CONTROLLER (CH 2)	AB		E-335	
43000		MU6409	1CBE1147A	MV6409 CONTROL CIRCUIT	G	1CEY01	E-335	
43001					G	27503D	E-335	
43002					G	BE11D	E-335	
43003					G	1CDB	E-335	
43004					U	1CDB	E-349	
43005					DD	1CDB	E-356	
43006					CC	1CDB	E-347	
43007					DD	1CPL	E-356	
43008					DD	1CPT	E-356	
43009					DD	1CPM	E-356	
43010					FF	UNSCHED	E-353	
43011			1CBE1147B	MV6409 CONTROL CIRCUIT	G	27710A	E-336	
43012			1CBE1147C	MV6409 CONTROL CIRCUIT	G	27881A	E-335	
43013					AB	27881A	E-335	
43014					AB	JB2762	E-335	
43015					AB	27881B	E-335	
43016			1CBE1147D	MV6409 CONTROL CIRCUIT	AB	NIPPLE	E-335	
43017			1CBE1147E	MV6409 CONTROL CIRCUIT	AB	27881C	E-335	
43018			1PBE1147F	MV6409 POWER CIRCUIT	AB	27876A	E-335	
43019					AB	JB2749	E-335	
43020					AB	27876B	E-335	
43021			BE1147	MV6409 CIRCUIT BREAKER (CH 1)	G		E-335	
43022			C5703	MV6409 CONTROL ROOM PANEL (CH 1)	FF		E-353	
43026			CDE11D	MU6409 DISCONNECT SWITCH (CH 1)	G		E-335	
43023			EV6409	MV6409 TERMINAL BOX (CH 1)	AB		E-335	
43027			JT5721	MU6409 JUNCTION BOX (CH 1)	DD		E-356-1	
43024			MV6409	MU CROSS CONNECT ISO VALVE (CH 1)	AB		E-335	
43025			NV6409	MU6409 LOCAL CONTROLLER (CH 1)	AB		E-335	
43100		MU6419	1CBE1295A	MV6419 CONTROL CIRCUIT	V	38071A	E-350	
43101					V	1CJL	E-350, 349-3	
43102					U	1CJL	E-349-3	

RACEWAY LEGEND (A) = 3-HR FIRE WRAP (B) = 1-HR FIRE WRAP (C) = RADIANT ENERGY SHIELD * = EMBEDDED CONDUIT

APPENDIX B-1

CIRCUIT/SUB-COMPONENT LOCATION SUMMARY BY SYSTEM

ID No.	SYSTEM	COMPONENT	CIRCUIT/ SUB-COMP	DESCRIPTION	FIRE AREA	RACEWAY	RACEWAY DRAWING	CHANGE NO/TYP
43103	MUPS	MU6419	1CBE1295A	MV6419 CONTROL CIRCUIT	CC	1CJL	E-347	
43104					DD	1CJL	E-356	
43105					DD	1CPL	E356	
43106					DD	1CPT	E-356-6	
43107					DD	1CPM	E-356-6	
43108					FF	UNSCHED	E-353	
43109			1CBE1295B	MV6419 CONTROL CIRCUIT	B	18222A	E-412	
43110					AB	18222A	E-332	
43111					G	1CDB	E-349	
43112					U	1CDB	E-349-3	
43113					U	37048B	E-349	
43114					U	1CDB	E-349	
43115					U	1CJM	E-349, 349-3	
43116					V	1CJM	E-349-3	
43117					V	38071C	E-350	
43118			1CBE1295C	MV6419 CONTROL CIRCUIT	B	18423A	E-332, 336	
43119					AB	18423A	E-332	
43120					AB	18423A	E-336	
43121			1CBE1295D	MV6419 CONTROL CIRCUIT	AB	NIPPLE	E-336	
43122			1CBE1295E	MV6419 CONTROL CIRCUIT	AB	18423B	E-336	
43123			1PBE1295F	MV6419 POWER CIRCUIT	B	18422A	E-332, 336	
43124					AB	18422A	E-332, 336	
43125					AB	18422A	E-332, 336	
43126			BE1295	MV6419 CIRCUIT BREAKER (CH 1)	B		E-412	
43127			C5703	MV6419 CONTROL ROOM PANEL (CH 1)	FF		E-353	
43131			CDYE2	MV6419 DISCONNECT SWITCH (CH 1)	V		E-350	
43128			EV6419	MV6419 TERMINAL BOX (CH 1)	AB		E-336	
43132			JT5721	MV6419 JUNCTION BOX (CH 1)	DD		E-356	
43129			MV6419	MU DISCHARGE VALVE (CH 1)	AB		E-336	
43130			NV6419	MV6419 LOCAL CONTROLLER (CH 1)	AB		E-336	
43200		MU6420	2CBF1616A	MU6420 CONTROL CIRCUIT	X	46963B	E-346	
43201					X	JB4676	E-346	
43202					X	46963D	E-346	
43203					X	2CKL	E-346	
43204					DF	2CKL	E-346	
43205					DD	2CKL	E-346	
43206					DD	2CPN	E-356	
43207					FF	UNSCHED	E-353	
43208			2CBF1616B	MU6420 CONTROL CIRCUIT	X	46963A	E-346	
43209					X	JB4676	E-346	
43210					X	46963B	E-346	
43211			2CBF1616C	MU6420 CONTROL CIRCUIT	X	46963A	E-346	
43212					X	JB4676	E-346	
43213					X	46963D	E-346	
43214					X	2CKL	E-346	
43215					DF	2CKL	E-346, 347	
43216					DD	2CKL	E-346, 347	
43217					DD	2CPR	E-356	
43218					DD	2CKN	E-356	
43219					DD	2CED	E-356	
43220					DD	2CEG	E-356	
43221					A	2CEG	E-347	
43222					A	2CEG	E-335	
43223					A	2CEH	E-335	
43224					A	27877A	E-335	
43225					A	EV64220	E-335	
43226					A	27879A	E-335	
43227					G	27879A	E-335	
43228					AB	27879A	E-335	
43229					AB	JB2761	E-335	
43230					AB	27879C	E-335	
43231			2CBF1616D	MV6420 CONTROL CIRCUIT	AB	NIPPLE	E-335	
43232			2CBF1616E	MV6420 CONTROL CIRCUIT	AB	27879D	E-335	
43233			2PBF1616F	MV6420 POWER CIRCUIT	X	46962A	E-346	
43234					X	46962C	E-346	
43235					X	JB4675	E-346	
43236					X	46962D	E-346	
43237					DF	46962D	E-347	
43238					DF	JB4716	E-347	
43239					DF	46962E	E-347	
43240					A	46962E	E-349	
43241					A	46962E	E-335	
43242					A	JB2759	E-335	
43243					G	46962G	E-335	
43244					AB	JB2760	E-335	
43245					AB	46962H	E-335	
43246			BF1616	MV6420 CIRCUIT BREAKER (CH 2)	X		E-346	
43247			C5703	MV6420 CONTROL ROOM PANEL (CH 2)	FF		E-353	

RACEWAY LEGEND (A) = 3-HR FIRE WRAP (B) = 1-HR FIRE WRAP (C) = RADIANT ENERGY SHIELD * = EMBEDDED CONDUIT

APPENDIX B-1

CIRCUIT/SUB-COMPONENT LOCATION SUMMARY BY SYSTEM

ID No.	SYSTEM	COMPONENT	CIRCUIT/ SUB-COMP	DESCRIPTION	FIRE AREA	RACEWAY	RACEWAY DRAWING	CHANGE NO/TYP
43251	MUPS	MU6420	CDF16A	MV6420 DISCONNECT SWITCH (CH 2)	X		E-346	
43248			EV6408	MV6420 TERMINAL BOX (CH 2)	AB		E-335	
43252			JT5722	MV6420 JUNCTION BOX (CH 2)	DD		E-356-1	
43249			MV6420	MV32 BYPASS VALVE (CH 2)	AB		E-335	
43250			NV6420	MV6420 LOCAL CONTROLLER (CH 2)	AB		E-335	
43300		MU6421	1CBE1194A	MV6421 CONTROL CIRCUIT	G	1CEY01	E-335	
43301					G	27503A	E-335	
43302					G	BE11D	E-335	
43303					U	1CDB	E-349	
43304					G	1CDB	E-335	
43305					CC	1CDB	E-347	
43306					DD	1CDB	E-356	
43307					DD	1CPL	E-356	
43308					DD	1CPT	E-356	
43309					DD	1CPM	E-356	
43310					DD	1CP17B	E-356	
43311					FF	1CP17B	E-356	
43312			1CBE1194B	MV6421 CONTROL CIRCUIT	G	27710A	E-336	
43313			1CBE1194C	MV6421 CONTROL CIRCUIT	AB	NIPPLE	E-336	
43314			1CBE1194D	MV6421 CONTROL CIRCUIT	AB	27881G	E-336	
43315			1CBE1194F	MV6421 CONTROL CIRCUIT	G	27881A	E-336	
43316					AB	27881A	E-335	
43317					AB	JB2762	E-335	
43318					AB	27881F	E-335	
43319					AB	27881F	E-412	
43320					AB	27881F	E-336	
43320A			1CBE1194H	MV6421 CONTROL CIRCUIT	FF	1CP17B	E-356-8	3 A
43320B					DD	1CP17B	E-356-8	3 A
43320C					DD	1CPM	E-356-6	3 A
43320D					DD	57092A	E-356-8	3 A
43320E					FF	57092A	E-356-8	3 A
43321			1PBE1194E	MV6421 POWER CIRCUIT	G	27876A	E-335	
43322					AB	27876A	E-335	
43323					AB	JB2749	E-335	
43324					AB	27876D	E-335	
43325					AB	27876D	E-412	
43326					AB	27876D	E-336	
43327			BE1194	MV6421 CIRCUIT BREAKER (CH 1)	G		E-336	
43328			C5717	MV6421 CONTROL ROOM PANEL (CH 1)	FF		E-353	
43332			CDE11D	MV6421 DISCONNECT SWITCH (CH 1)	G		E-336	
43329			EV6419	MV6421 TERMINAL BOX (CH 1)	AB		E-336	
43330			MV6421	MU CTMT ISO VALVE (CH 1)	AB		E-336	
43331			NV6421	MV6421 LOCAL CONTROLLER (CH 1)	AB		E-336	
43400		MU6422	2CBF1108A	MV6422 CONTROL CIRCUIT	DF	47701A	E-347	
43401					DF	2CLA	E-347	
43402					DD	2CLA	E-356	
43403					DD	2CPP	E-356	
43404					DD	2CPN	E-356	
43405					DD	2CP17C	E-356	
43406					FF	2CP17C	E-353	
43407			2CBF1108B	MV6422 CONTROL CIRCUIT	DF	47300A	E-347	
43408					DF	2CLA	E-347	
43409					DF	47702A	E-347	
43410			2CBF1108C	MV6422 CONTROL CIRCUIT	A	27877C	E-335	
43411			2CBF1108D	MV6422 CONTROL CIRCUIT	A	27877D	E-335	
43412			2CBF1108F	MV6422 CONTROL CIRCUIT	DF	47800A	E-347	
43413					DF	2CKN	E-347	
43414					DD	2CKN	E-356	
43415					DD	2CED	E-356	
43416					DD	2CEG	E-356	
43417					A	2CEG	E-347	
43418					A	2CEG	E-335	
43419					A	2CEH	E-335	
43420					A	27877A	E-335	
43420A			2CBF1108H	MV6422 CONTROL CIRCUIT	FF	2CP17C	E-356-8	3 A
43420B					DD	2CP17C	E-356-8	3 A
43420C					DD	2CPN	E-356-7	3 A
43420D					DD	5705C1	E-356-8	3 A
43420E					FF	5705C1	E-356-8	3 A
43421			2PBF1108E	MV6422 POWER CIRCUIT	DF	47762A	E-347	
43422					DF	JB4716	E-347	
43423					DF	46962E	E-347	
43424					A	46962E	E-349	
43425					A	46962E	E-335	
43426					A	JB2759	E-335	
43427					A	46962F	E-335	
43428			BF1108	MV6422 CIRCUIT BREAKER (CH 2)	DF		E-347	

RACEWAY LEGEND (A) = 3-HR FIRE WRAP (B) = 1-HR FIRE WRAP (C) = RADIANT ENERGY SHIELD * = EMBEDDED CONDUIT

APPENDIX B-1

CIRCUIT/SUB-COMPONENT LOCATION SUMMARY BY SYSTEM

ID No.	SYSTEM	COMPONENT	CIRCUIT/ SUB-COMP	DESCRIPTION	FIRE AREA	RACEWAY	RACEWAY DRAWING	CHANGE NO/TYP
43429	MUPS	MU6422	C5717	MV6422 CONTROL ROOM PANEL (CH 2)	FF		E-353	
43433			CDF11A-1	MV6422 DISCONNECT SWITCH (CH 2)	DF		E-347	
43430			EV6422	MV6422 TERMINAL BOX (CH 2)	A		E-335	
43431			MV6422	MU CTMT ISO VALVE (CH 2)	A		E-335	
43432			NV6422	MV6422 LOCAL CONTROLLER (CH 2)	A		E-335	
43525		MU66A	2CSF1748A	MU66A CONTROL CIRCUIT	AB	28442A	E-336	
43526					AB	28442C	E-336	
43527					AB	28442E	E-336	
43528					AB	28442F	E-336	
43529					AB	JB2809	E-336	
43530					A	28110A	E-335	
43531					G	28110A	E-336	
43532					AB	28110A	E-335	
43533					A	2CEH	E-335	
43534					A	2CEG	E-335	
43535					A	2CEG	E-335	
43536					DD	2CEG	E-356	
43537					A	2CED	E-356	
43538					DD	2CED	E-356	
43539					DD	2CPN	E-356	
43540					DD	2CP18A	E-356	
43541					FF	2CP18A	E-356	
43500			2CVMU66AA	VMU66A CONTROL CIRCUIT	AB	28234C	E-336	
43501			2CVMU66AB	SVMU66A CONTROL CIRCUIT	U	28107C	E-349-3	
43502					U	2CEV	E-349-3	
43503					U	28107B*	E-339, 340	
43503A					V	28107B*	E-339, 340	
43503B					G	28107B*	E-339, 340	
43503C					AB	28107B*	E-339, 340	
43503D					AB	28107B*	E-339, 340	
43504					AB	28107A	E-336	
43505					CC	2CEV	E-347	
43506					AB	JB2809	E-336	
43507					DD	2CPN	E-356-7	
43508					DD	2CP56D	E-424	
43509					FF	2CP56D	E-424	
43510					AB	28234A	E-336	
43511					DD	2CEV	E-356-7	
43512			2CVMU66AC	VMU66A CONTROL CIRCUIT	AB	28234C	E-336	
43513			2CVMU66AD	SVMU66A CONTROL CIRCUIT	DD	2CP18A	E-356-8	
43514					FF	2CP18A	E-356-8	
43515					AB	28234A	E-336	
43516					AB	JB2809	E-336	
43517					AB	28107A	E-336	
43518					AB	28107B*	E-339, 340	
43518A					AB	28107B*	E-339, 340	
43518B					G	28107B*	E-339, 340	
43518C					V	28107B*	E-339, 340	
43518D					U	28107B*	E-339, 340	
43519					U	28107C	E-349-3	
43520					U	2CEV	E-349-3	
43521					CC	2CEV	E-347	
43522					DD	2CEV	E-356-7	
43523					DD	2CPN	E-356-7	
43524			2CVMU66AE	VMU66A CONTROL CIRCUIT	AB	Nipple	E-336, 418	
43543			C5717	VMU66A CONTROL ROOM PANEL (CH. 2)	FF		E-353	
43544			C5756D	VMU66A CONTROL ROOM PANEL (CH. 2)	FF		E-353	
43545			EVMU38	VMU66A TERMINAL BOX (CH. 2)	AB		E-336	
43542			FPSLLMU66A	MU66A PRESSURE SWITCH	AB		E-336	
43546			NVMU66A	VMU66A LOCAL CONTROLLER (CH. 2)	AB		E-336	
43547			SVMU66A	VMU66A SOLENOID VALVE (CH. 2)	AB		E-336	
43548			VMU66A	SEAL INJECTION INLET ISOLATION VALVE	AB		E-336	
43627		MU66B	1CSF1736A	MU66B CONTROL CIRCUIT	AB	28443A	E-336	
43628					AB	28443C	E-336	
43629					G	28443C	E-336	
43630					G	1CFF	E-336	
43631					V	1CFF	E-350	
43632					V	1CJM	E-349, 350	
43633					U	1CJM	E-349	
43634					CC	1CJM	E-347	
43635					DD	1CJM	E-356	
43636					DD	1CPL	E-356	
43637					DD	1CP17B	E-356	
43638					FF	1CP17B	E-356	
43600			1CVMU66BA	VMU66B CONTROL CIRCUIT	AB	28240B	E-336	
43601			1CVMU66BB	VMU66B CONTROL CIRCUIT	AB	28240A	E-336	
43602					G	28240A	E-336	

RACEWAY LEGEND (A) = 3-HR FIRE WRAP (B) = 1-HR FIRE WRAP (C) = RADIANT ENERGY SHIELD * = EMBEDDED CONDUIT

APPENDIX B-1

CIRCUIT/SUB-COMPONENT LOCATION SUMMARY BY SYSTEM

ID No.	SYSTEM	COMPONENT	CIRCUIT/ SUB-COMP	DESCRIPTION	FIRE AREA	RACEWAY	RACEWAY DRAWING	CHANGE NO/TYP
43603	MUPS	MU66B	1CVMU66BB	VMU66B CONTROL CIRCUIT	G	1CFF	E-336	
43604					V	1CFF	E-350	
43605					DD	1CP63C	E-424	
43606					V	1CJM	E-350, 349-3	
43607					U	1CJM	E-349-3	
43608					CC	1CJM	E-347	
43609					DD	1CJM	E-356-6	
43610					DD	1CPL	E-356-6	
43611					FF	1CP63C	E-424	
43612			1CVMU66BC	VMU66B CONTROL CIRCUIT	AB	28240B	E-336	
43613			1CVMU66BD	VMU66B CONTROL CIRCUIT	AB	28240A	E-336	
43614					G	28240A	E-336	
43615					G	1CFF	E-336	
43616					DD	1CPM	E-356-6	
43617					DD	1CPT	E-356-6	
43618					FF	1CP17A	E-356-8	
43619					DD	1CJM	E-356-6	
43620					CC	1CJM	E-347	
43621					DD	1CP17A	E-356-8	
43622					U	1CJM	E-349-3	
43623					V	1CJM	E-350, 349-3	
43624					DD	1CPL	E-356-6	
43625					V	1CFF	E-350	
43626			1CVMU66BE	VMU66B CONTROL CIRCUIT	AB	Nipple	E-336, 418	
43640			C5717	VMU66B CONTROL ROOM PANEL (CH. 1)	FF		E-353	
43641			C5763C	VMU66B CONTROL ROOM PANEL (CH. 1)	FF		E-353	
43642			EVMU66	VMU66B TERMINAL BOX (CH. 1)	AB		E-336	
43639			FPSLLMU66B	MU66B LOW PRESSURE SWITCH	AB		E-336	
43643			NVMU66B	VMU66B LOCAL CONTROLLER (CH. 1)	AB		E-336	
43644			SVMU66B	VMU66B SOLENOID VALVE (CH. 1)	AB		E-336	
43645			VMU66B	SEAL INJECTION INLET ISOLATION VALVE	AB		E-336	
43727		MU66C	1CSF1737A	MU66C CONTROL CIRCUIT	AB	28443B	E-336	
43728					AB	28443C	E-336	
43729					G	28443C	E-336	
43730					G	1CFF	E-336	
43731					V	1CFF	E-350	
43732					V	1CJM	E-349, 350	
43733					U	1CJM	E-349	
43734					CC	1CJM	E-347	
43735					DD	1CJM	E-356	
43736					DD	1CPL	E-356	
43737					DD	1CP17B	E-356	
43738					FF	1CP17B	E-356	
43700			1CVMU66CA	VMU66C CONTROL CIRCUIT	AB	28240C	E-336	
43701			1CVMU66CB	VMU66C CONTROL CIRCUIT	DD	1CPL	E-356-6	
43702					DD	1CJM	E-356-6	
43703					FF	1CP63C	E-424	
43704					V	1CJM	E-350, 349-3	
43705					V	1CFF	E-350	
43706					AB	28240A	E-336	
43707					CC	1CJM	E-347	
43708					U	1CJM	E-349-3	
43709					G	28240A	E-336	
43710					G	1CFF	E-336	
43711					DD	1CP63C	E-424	
43712			1CVMU66CC	VMU66C CONTROL CIRCUIT	AB	28240C	E-336	
43713			1CVMU66CD	VMU66C CONTROL CIRCUIT	DD	1CP17A	E-356-8	
43714					DD	1CPM	E-356-6	
43715					DD	1CPT	E-356-6	
43716					DD	1CPL	E-356-6	
43717					FF	1CP17A	E-356-8	
43718					U	1CJM	E-349-3	
43719					V	1CJM	E-350, 349-3	
43720					V	1CFF	E-350	
43721					G	1CFF	E-336	
43722					G	28240C	E-336	
43723					AB	28240C	E-336	
43724					DD	1CJM	E-356-6	
43725					CC	1CJM	E-347	
43726			1CVMU66CE	VMU66C CONTROL CIRCUIT	AB	Nipple	E-336, 418	
43740			C5717	VMU66C CONTROL ROOM PANEL (CH. 1)	FF		E-353	
43741			C5763C	VMU66C CONTROL ROOM PANEL (CH. 1)	FF		E-353	
43742			EVMU66	VMU66C TERMINAL BOX (CH. 1)	AB		E-336	
43739			FPSLLMU66C	MU66C LOW PRESSURE SWITCH	AB		E-336	
43743			NVMU66C	VMU66C LOCAL CONTROLLER (CH. 1)	AB		E-336	
43744			SVMU66C	VMU66C SOLENOID VALVE (CH. 1)	AB		E-336	
43745			VMU66C	SEAL INJECTION INLET ISOLATION VALVE	AB		E-336	
43825		MU66D	2CSF1749A	MU66D CONTROL CIRCUIT	AB	28442B	E-336	

RACEWAY LEGEND (A) = 3-HR FIRE WRAP (B) = 1-HR FIRE WRAP (C) = RADIANT ENERGY SHIELD * = EMBEDDED CONDUIT

APPENDIX B-1

CIRCUIT/SUB-COMPONENT LOCATION SUMMARY BY SYSTEM

ID No.	SYSTEM	COMPONENT	CIRCUIT/ SUB-COMP	DESCRIPTION	FIRE AREA	RACEWAY	RACEWAY DRAWING	CHANGE NO/TYP
43826	MUPS	MU66D	2CSF1749A	MU66D CONTROL CIRCUIT	AB	28442C	E-336	
43827					AB	28442E	E-336	
43828					AB	28442F	E-336	
43829					AB	JB2809	E-336	
43830					A	28110A	E-335	
43831					G	28110A	E-336	
43832					AB	28110A	E-335	
43833					A	2CEH	E-335	
43834					A	2CEG	E-335	
43835					A	2CEG	E-335	
43836					DD	2CEG	E-356	
43837					A	2CED	E-356	
43838					DD	2CED	E-356	
43839					DD	2CPN	E-356	
43840					DD	2CP18A	E-356	
43841					FF	2CP18A	E-356	
43800			2CVMU66DA	VMU66D CONTROL CIRCUIT	AB	28237B	E-336	
43801			2CVMU66DB	SVMU66D CONTROL CIRCUIT	AB	28236A	E-336	
43802					AB	JB2809	E-336	
43803					AB	28107A	E-336	
43804					AB	28107B*	E-339, 340	
43804A					AB	28107B*	E-339, 340	
43804B					G	28107B*	E-339, 340	
43804C					V	28107B*	E-339, 340	
43804D					U	28107B*	E-339, 340	
43805					U	28107C	E-349-3	
43806					U	2CEV	E-349-3	
43807					CC	2CEV	E-347	
43808					DD	2CEV	E-356-7	
43809					DD	2CPN	E-356-7	
43810					DD	2CP56C	E-424	
43811					FF	2CP56C	E-424	
43812			2CVMU66DC	VMU66D CONTROL CIRCUIT	AB	28237B	E-336	
43813			2CVMU66DD	SVMU66D CONTROL CIRCUIT	AB	28236A	E-336	
43814					AB	JB2809	E-336	
43815					AB	28107A	E-336	
43816					AB	28107B*	E-339, 340	
43816A					AB	28107B*	E-339, 340	
43816B					G	28107B*	E-339, 340	
43816C					V	28107B*	E-339, 340	
43816D					U	28107B*	E-339, 340	
43817					DD	2CPN	E-356-7	
43818					CC	2CEV	E-347	
43819					U	2CEV	E-349-3	
43820					U	28107C	E-349-3	
43821					DD	2CEV	E-356-7	
43822					FF	2CP18A	E-356-8	
43823					DD	2CP18A	E-356-8	
43824			2CVMU66DE	VMU66D CONTROL CIRCUIT	AB	Nipple	E-336, 418	
43843			C5717	VMU66D CONTROL ROOM PANEL (CH. 2)	FF		E-353	
43844			C5756C	VMU66D CONTROL ROOM PANEL (CH. 2)	FF		E-353	
43845			EVMU03	VMU66D TERMINAL BOX (CH. 2)	AB		E-336	
43842			FPSLLMU66D	MU66D PRESSURE SWITCH	AB		E-336	
43846			NVMU66D	VMU66D LOCAL CONTROLLER (CH. 2)	AB		E-336	
43847			SVMU66D	VMU66D SOLENOID VALVE (CH. 2)	AB		E-336	
43848			VMU66D	SEAL INJECTION INLET ISOLATION VALVE	AB		E-336	
43848A		MU97	N/A	SEAL RETURN TO CLEAN WASTE TK ISO VLV	G	N/A		
43900		P-371B	ACBE1191B	MP0371B CONTROL CIRCUIT	FF	ACP02B	E-356-8	
43901					DD	ACP02B	E-356-8	
43902					DD	ACPR	E-356-2	
43903					DD	ACPG	E-356-2	
43904					DD	ACEN	E-356-2	
43905					CC	ACEN	E-347	
43906					U	ACEN	E-349-3	
43907					G	ACEN	E-335	
43908					G	27513A	E-335	
43909					G	ACEM	E-335	
43910			ACBE1191C	MP0371B CONTROL CIRCUIT	G	28300A	E-336	
43911					G	ACFH	E-336	
43912					G	28300A	E-336	
43913					G	ACFB	E-336	
43914					G	JB2805	E-336	
43915					G	28254A	E-335	
43916					G	ACAB	E-335	
43917					AB	ACAB	E-335	
43918					AB	ACFB	E-335	
43919					G	ACFB	E-335	

RACEWAY LEGEND (A) = 3-HR FIRE WRAP (B) = 1-HR FIRE WRAP (C) = RADIANT ENERGY SHIELD * = EMBEDDED CONDUIT

APPENDIX B-1

CIRCUIT/SUB-COMPONENT LOCATION SUMMARY BY SYSTEM

ID No.	SYSTEM	COMPONENT	CIRCUIT/ SUB-COMP	DESCRIPTION	FIRE AREA	RACEWAY	RACEWAY DRAWING	CHANGE NO/TYP
43920	MUPS	P-371B	ACBE1191C	MP0371B CONTROL CIRCUIT	G	27570A	E-335	
43921					G	27513A	E-335	
43922					G	ACEM	E-335	
43923			ACBE1191D	MP0371B CONTROL CIRCUIT	AB	27506A	E-335	
43924					G	27516A	E-335	
43925			ACBE1191E	MP0371B CONTROL CIRCUIT	G	1CEY01	E-335	
43926			ACBE1191F	MP0371B CONTROL CIRCUIT	G	1CEY01	E-335	
43927			APBE1191A	MP0371B POWER CIRCUIT	AB	27507A	E-335	
43928					G	27507A	E-335	
43930			BE1191	MP0371B CIRCUIT BREAKER (CH. A)	G		E-335	
43931			C5704	MP0371B CONTROL ROOM PANEL (CH. A)	FF		E-353	
43929			CDE11D	MP0371B DISCONNECT SWITCH (CH 1)	G		E-335	
43932			MP371B	MU PUMP 1-1 MN LUBE OIL PUMP (CH. A)	AB		E-335	
43933			NP371B	MP0371B LOCAL CONTROLLER (CH. A)	AB		E-335	
43934			RC2825	MP0371B RELAY CABINET (CH. A)	G		E-336	
44088		P-371C	AC105	MP0371C CIRCUIT BREAKER (INTLK) (CH. A)	S		E-338	
44000			ACD117B	MP0371C CONTROL CIRCUIT	AB	27297A	E-335	3 D
44001					G	27297A	E-335	3 D
44002					G	ACFA	E-335	3 D
44003					G	ACDA	E-335	3 D
44004					U	ACDA	E-349-3	3 D
44005					CC	ACDA	E-347	3 D
44006					DD	ACDA	E-356-2	3 D
44007					DD	ACPJ	E-356-2	3 D
44008					DD	ACPR	E-356-2	3 D
44009					DD	ACPK	E-356-2	3 D
44010					DD	ACKC	E-356-2	3 D
44011					II	ACKC	E-346	3 D
44012					Y	ACKC	E-346	3 D
44013					Y	46639A	E-346	3 D
44014			ACD117C	MP0371C CONTROL CIRCUIT	FF	ACP02B	E-356-8	3 D
44015					DD	ACP02B	E-356-8	3 D
44016					DD	ACPG	E-356-2	3 D
44017					DD	ACPR	E-356-2	3 D
44018					DD	ACPK	E-356-2	3 D
44019					DD	ACKC	E-356-2	3 D
44020					II	ACKC	E-346	3 D
44021					Y	ACKC	E-346	3 D
44022					Y	46639A	E-346	3 D
44023			ACD117D	MP0371C CONTROL CIRCUIT	G	JB2805	E-336	3 D
44024					G	ACFH	E-336	3 D
44025					G	28299A	E-336	3 D
44026					G	ACFA	E-336	3 D
44027					G	28253A	E-336	3 D
44028					G	ACAB	E-336	3 D
44029					AB	ACAB	E-335	3 D
44030					U	ACDA	E-349-3	3 D
44031					CC	ACDA	E-347	3 D
44032					DD	ACDA	E-356-2	3 D
44033					DD	ACPJ	E-356-2	3 D
44034					DD	ACPR	E-356-2	3 D
44035					DD	ACPK	E-356-2	3 D
44036					DD	ACKC	E-356-2	3 D
44037					II	ACKC	E-346	3 D
44038					Y	ACKC	E-346	3 D
44039					Y	46639A	E-346	3 D
44040			ACD117E	MP0371C CONTROL CIRCUIT	G	28299A	E-336	
44041					G	28254A	E-336	
44042					G	JB2805	E-336	
44043					G	ACAB	E-336	
44044					AB	ACAB	E-335	
44045					G	27570A	E-335	
44046					G	ACFB	E-335	
44047					G	27513A	E-335	
44048					G	ACEM	E-335	
44049			ACD117F	MP0371C CONTROL CIRCUIT	G	28090A	E-336	
44050					G	ACFG	E-336	
44051					G	JB2805	E-336	
44052					G	ACFH	E-336	
44053					G	28455A	E-336	
44054					G	ACFA	E-336	
44055					G	27360A	E-336	
44056					G	ACAB	E-336	
44057					AB	27360A	E-335	
44058					AB	EV225A	E-335	
44059					AB	27362A	E-335	
44060					AB	ACAB	E-335	
44039A			ACD117H	MP0371C CONTROL CIRCUIT	Y	46207A	E-346	3 A

RACEWAY LEGEND (A) = 3-HR FIRE WRAP (B) = 1-HR FIRE WRAP (C) = RADIANT ENERGY SHIELD * = EMBEDDED CONDUIT

APPENDIX B-1

CIRCUIT/SUB-COMPONENT LOCATION SUMMARY BY SYSTEM

ID No.	SYSTEM	COMPONENT	CIRCUIT/ SUB-COMP	DESCRIPTION	FIRE AREA	RACEWAY	RACEWAY DRAWING	CHANGE NO/TYP
44039B	MUPS	P-371C	ACD117H	MP0371C CONTROL CIRCUIT	Y	1CKA	E-346	3 A
44039C					Y	1CKD	E-346	3 A
44039D					Y	46059B	E-346	3 A
44039E					X	46059B*	E-346, 347, 355	3 A
44039F					DF	46059B*	E-347, 355	3 A
44039G					A	46059B*	E-347, 355	3 A
44039H					DD	46059B*	E-347, 355	3 A
44039I					DD	46059A	E-356-1	3 A
44039J					DD	1CPL	E-356-1, 356-6	3 A
44039K					DD	1CDB	E-356-1, 356-6	3 A
44039L					CC	1CDB	E-347, 351-4	3 A
44039M					U	1CDB	E-349-3, 351-4	3 A
44039N					G	1CDB	E-335, 351-4	3 A
44039P					G	27089A	E-335	3 A
44039Q					AB	27089A	E-335	3 A
44061A			ACD117I	MP0371C CONTROL CIRCUIT	Y	46207A	E-346	3 A
44061B					Y	1CKA	E-346	3 A
44061C					Y	1CKD	E-346	3 A
44061D					Y	46059B	E-346	3 A
44061E					X	46059B*	E-346	3 A
44061F					DF	46059B*	E-346, 347, 355	3 A
44061G					A	46059B*	E-347, 355	3 A
44061H					DD	46059B*	E-347, 355	3 A
44061I					DD	46059A	E-356-1	3 A
44061J					DD	1CPL	E-356-1	3 A
44061K					DD	1CPR	E-356-1, 356-6	3 A
44061L					DD	1CPM	E-356-1, 356-6	3 A
44061M					DD	57092A	E-356-8	3 A
44061N					FF	57092A	E-356-8	3 A
44061O			ACD117J	MP0371C CONTROL CIRCUIT	Y	46207A	E-346	3 A
44061P					Y	1CKA	E-346	3 A
44061Q					Y	1CKD	E-346	3 A
44061R					Y	46059B	E-346	3 A
44061S					X	46059B*	E-346	3 A
44061T					DF	46059B*	E-346, 347, 355	3 A
44061U					A	46059B*	E-347, 355	3 A
44061V					DD	46059B*	E-347, 355	3 A
44061W					DD	46059A	E-347, 355	3 A
44061X					DD	1CPL	E-356-1	3 A
44061Y					DD	1CPM	E-356-1, 356-6	3 A
44061Z					CC	1CPM	E-347, 351-4	3 A
44062A					U	1CJM	E-349-3, 351-4	3 A
44062B					V	1CJM	E-349-3, 350	3 A
44062C					V	1CFF	E-350	3 A
44062D					V	1CFF	E-336	3 A
44062E					G	28059A	E-336	3 A
44061			ACD117K	MP0371C CONTROL CIRCUIT	Q	36059A	E-338	3 D
44076					Q	36059A	E-338	3 D
44076A					Q	36059A	E-338	3 A
44076B					Q	1CGZ	E-338	3 A
44076C					Q	1CGC	E-338	3 A
44076D					Q	36090A	E-338	3 A
44076E					Q	JB3607	E-338	3 A
44076F					Q	36084B	E-338	3 A
44076G					DUCT	36084B*	E-339	3 A
44076H					E	1CEC	E-335	3 A
44076I					A	1CEC	E-335	3 A
44076J					A	27115	E-335	3 A
44076K					A	27115A*	E-333	3 A
44076L					UU	27115A*	E-339	3 A
44076M					II	27115A*	E-339	3 A
44076N					UU	27115B*	E-339	3 A
44076O					II	27115B*	E-339	3 A
44076P					CC	27115B*	E-344	3 A
44076Q					DD	27115B*	E-356-1	3 A
44076R					DD	27115C	E-356-1	3 A
44076S					DD	1CPL	E-356-1	3 A
44076T					DD	1CJM	E-356-1, 356-6	3 A
44076U					CC	1CJM	E-347, 351-4	3 A
44076V					U	1CJM	E-349-3, 351-4	3 A
44076W					V	1CJM	E-349-3, 350	3 A
44076X					V	1CFF	E-350	3 A
44076Y					G	1CFF	E-336	3 A
44076Z					G	28059A	E-336	3 A
44077			APD117A	MP0371C POWER CIRCUIT	Y	46920A	E-346	
44078					II	46920A	E-346	
44079					DF	46920A	E-346	
44080					A	46920A	E-349-2	
44081					AB	46920A	E-335	

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APPENDIX B-1

CIRCUIT/SUB-COMPONENT LOCATION SUMMARY BY SYSTEM

ID No.	SYSTEM	COMPONENT	CIRCUIT/ SUB-COMP	DESCRIPTION	FIRE AREA	RACEWAY	RACEWAY DRAWING	CHANGE NO/TYP
44082A	MUPS	P-371C	BE1191	MP0371B CIRCUIT BREAKER (INTLK)	G		E-335	
44082			C5704	MP0371C CONTROL ROOM PANEL (CH. A)	FF		E-353	
44083			D117	MP0371C MCC D1 CUBICLE (CH. A)	Y		E-346	
44084			FPS2MU105B	MP0371C PRESSURE SWITCH (CH. A)	AB		E-335	
44085			MP371C	MU PUMP 1-1 AUX LUBE OIL PUMP (CH. A)	AB		E-335	
44086			NP371C	MP0371C LOCAL CONTROLLER (CH. A)	AB		E-335	
44087			RC2825	MP0371C RELAY CABINET (CH. A)	G		E-336	
44183		P-371D	AC105	M0P371D CIRCUIT BREAKER (INTLK) (CH. A)	S		E-338	
44100			ACBE1192B	MP0371D CONTROL CIRCUIT	AB	27508A	E-335	
44101					AB	27516A	E-335	
44102					G	27516A	E-335	
44103			ACBE1192C	MP0371D CONTROL CIRCUIT	FF	ACP02B	E-356-8	
44104					DD	ACP02B	E-356-8	
44105					DD	ACPG	E-356-2	
44106					DD	ACPR	E-356-2	
44107					DD	ACEN	E-356-2	
44108					CC	ACEN	E-347	
44109					U	ACEN	E-349-3	
44110					G	ACEN	E-335	
44111					G	27513A	E-335	
44112					G	ACEM	E-335	
44113			ACBE1192D	MP0371D CONTROL CIRCUIT	G	28300A	E-336	
44114					G	28254A	E-336	
44115					G	ACFH	E-336	
44116					G	JB2805	E-336	
44117					G	ACFB	E-336	
44118					AB	ACAB	E-335	
44119					AB	ACFB	E-335	
44120					G	27570A	E-335	
44121					G	ACAB	E-335	
44122					G	27513A	E-335	
44123					G	ACEM	E-335	
44124			ACBE1192E	MP0371D CONTROL CIRCUIT	G	28300A	E-336	
44125					G	28254A	E-336	
44126					G	ACFH	E-336	
44127					G	JB2805	E-336	
44128					G	ACFB	E-336	
44129					AB	ACAB	E-335	
44130					AB	ACFB	E-335	
44131					G	27570A	E-335	
44132					G	ACAB	E-335	
44133					G	27513A	E-335	
44134					G	ACEM	E-335	
44135			ACBE1192F	MP0371D CONTROL CIRCUIT	AB	27571A	E-335	
44136					AB	ACAB	E-335	
44137					G	JB2805	E-336	
44138					G	ACFB	E-336	
44139					G	28254A	E-336	
44140					G	ACAB	E-336	
44141					G	28300A	E-336	
44142					G	ACFH	E-336	
44143			ACBE1192G	MP0371D CONTROL CIRCUIT	G	28299A	E-336	3 D
44144					G	ACFH	E-336	3 D
44145					G	28455B	E-336	3 D
44146					G	ACFG	E-336	3 D
44147					V	ACJH	E-350	3 D
44148					A	ACJH	E-349-2	3 D
44149					A	37702A	E-349-2	3 D
44150					A	ACGH	E-349-2	3 D
44151					P	ACGH	E-338	3 D
44152					II	ACGH	E-338	3 D
44153					S	ACGH	E-338	3 D
44154					Y	46524A	E-346	3 D
44155					Y	46552A	E-346	3 D
44156					Y	ACKC	E-346	3 D
44157			ACBE1192I	MP0371D CONTROL CIRCUIT	V	ACJH	E-349-2, 350	3 D
44158					G	ACFH	E-336	3 D
44159					G	28299A	E-336	3 D
44160					G	28455B	E-336	3 D
44161					G	ACFG	E-336	3 D
44162					V	ACFG	E-350	3 D
44163					A	ACJH	E-349-2	3 D
44164					A	37702A	E-349-2	3 D
44165					A	ACGH	E-349-2	3 D
44166					II	ACGH	E-338	3 D
44167					P	ACGH	E-338	3 D
44168					S	ACGH	E-338	3 D
44169					S	ACGB	E-338	3 D

RACEWAY LEGEND (A) = 3-HR FIRE WRAP (B) = 1-HR FIRE WRAP (C) = RADIANT ENERGY SHIELD * = EMBEDDED CONDUIT

APPENDIX B-1

CIRCUIT/SUB-COMPONENT LOCATION SUMMARY BY SYSTEM

ID No.	SYSTEM	COMPONENT	CIRCUIT/ SUB-COMP	DESCRIPTION	FIRE AREA	RACEWAY	RACEWAY DRAWING	CHANGE NO/TYP
44170	MUPS	P-371D	ACBE1192I	MP0371D CONTROL CIRCUIT	S	36508A	E-338	3 D
44171					S	ACGF	E-338	3 D
44172			ACBE1192J	MP0371D CONTROL CIRCUIT	G	1CEY01	E-335	
44173			ACBE1192K	MP0371D CONTROL CIRCUIT	G	1CEY01	E-335	
44156A			ACBE1192L	MP0371D CONTROL CIRCUIT	Y	46207A	E-346	3 A
44156B					Y	1CKA	E-346	3 A
44156C					Y	36357C	E-346	3 A
44156D					Q	36357C	E-338	3 A
44156E					Q	1CGC	E-338	3 A
44156F					Q	36312A	E-338	3 A
44156G					R	36312A	E-338	3 A
44156H					P	36312A	E-338	3 A
44156I					P	JB3623	E-338	3 A
44156J					P	36312B	E-338	3 A
44156K					A	36312B	E-338, 349-2	3 A
44156L					A	JB3714	E-349-2	3 A
44156M					A	36312C	E-349-2	3 A
44156N					V	36312C	E-349-3	3 A
44156P					V	1CJM	E-349-3, 350	3 A
44156Q					V	1CFF	E-350	3 A
44156R					G	1CFF	E-336	3 A
44156S					G	28059A	E-336	3 A
44171A			ACBE1192M	MP0371D CONTROL CIRCUIT	Q	36509A	E-338, 351-1	3 A
44171B					Q	1CGZ	E-338, 351-1	3 A
44171C					Q	1CGC	E-338, 351-1	3 A
44171D					Q	36312A	E-338	3 A
44171E					R	36312A	E-338	3 A
44171F					P	36312A	E-338	3 A
44171G					P	JB3623	E-338	3 A
44171H					P	36312B	E-338	3 A
44171I					A	36312B	E-338, 349-2	3 A
44171J					A	JB3714	E-349-2	3 A
44171K					A	36312C	E-349-2	3 A
44171L					V	36312C	E-349-3	3 A
44171M					V	1CJM	E-349-3, 350	3 A
44171N					V	1CFF	E-350	3 A
44171P					G	1CFF	E-336	3 A
44171Q					G	28059A	E-336	3 A
44174			APBE1192A	MP0371D POWER CIRCUIT	AB	27509A	E-335	
44175					G	27509A	E-335	
44175A			BE1191	MP0371B CIRCUIT BREAKER (INTLK)	G		E-335	
44176			BE1192	MP0371D CIRCUIT BREAKER (CH. A)	G		E-335	
44177			C5704	MP0371D CONTROL ROOM PANEL (CH. A)	FF		E-353	
44182			CDE11D	MP0371D DISCONNECT SWITCH (CH. 1)	G		E-335	
44177A			D117	MP0371C MCC D1 CUBICLE (INTLK)	Y		E-346	
44178			FPSMU102B	MP0371D PRESSURE SWITCH (CH. A)	AB		E-335	
44179			MP371D	MU PUMP AUX GEAR L.O. PUMP (CH. A)	AB		E-335	
44180			NP371D	MP0371D LOCAL CONTROLLER (CH. A)	AB		E-335	
44181			RC2825	MP0371D RELAY CABINET (CH. A)	G		E-336	
44200		P-372B	BCBF1167B	MP0372B CONTROL CIRCUIT	FF	BCP02D	E-356-8	
44201					DD	BCP02D	E-356-8	
44202					DD	BCPC	E-356-4	
44203					DD	BCPR	E-356-4	
44204					DD	BCPE	E-356-4	
44205					DD	BCEQ	E-356-4	
44206					CC	BCEQ	E-347	
44207					U	BCEQ	E-349-3	
44208					G	BCEQ	E-335	
44209					G	27399A	E-335	
44210					A	27399A	E-335	
44211			BCBF1167C	MP0372B CONTROL CIRCUIT	G	28247A	E-336	
44212					AB	28247A	E-336	
44213					AB	BCFE	E-336	
44214					AB	BCFE	E-350	
44215					DG	BCFE	E-348	
44216					V	BCFE	E-348	
44217					V	48090B	E-348	
44218					V	BCFE	E-348	
44219					V	BCLB	E-347	
44220					DD	BCLB	E-356-4	
44221					DD	BCPE	E-356-4	
44222					DD	BCEQ	E-356-4	
44223					CC	BCEQ	E-347	
44224					U	BCEQ	E-349-3	
44225					G	BCEQ	E-335	
44226					G	27399A	E-335	
44227					A	27399A	E-335	
44228			BCBF1167D	MP0372B CONTROL CIRCUIT	AB	27446A	E-335	

RACEWAY LEGEND (A) = 3-HR FIRE WRAP (B) = 1-HR FIRE WRAP (C) = RADIANT ENERGY SHIELD * = EMBEDDED CONDUIT

APPENDIX B-1

CIRCUIT/SUB-COMPONENT LOCATION SUMMARY BY SYSTEM

ID No.	SYSTEM	COMPONENT	CIRCUIT/ SUB-COMP	DESCRIPTION	FIRE AREA	RACEWAY	RACEWAY DRAWING	CHANGE NO/TYP
44229	MUPS	P-372B	BCBF1167D	MP0372B CONTROL CIRCUIT	A	27440A	E-335	
44232			BF1167	MP0372B CIRCUIT BREAKER (CH. B)	A		E-335	
44230			BPBF1167A	MP0372B POWER CIRCUIT	A	27439A	E-335	
44231					AB	27439A	E-335	
44233			C5704	MP0372B CONTROL ROOM PANEL (CH. B)	FF		E-353	
44234			MP372B	MU PUMP 1-2 MN LUBE OIL PUMP (CH. B)	AB		E-335	
44235			NP372B	MP0372B LOCAL CONTROLLER (CH. B)	AB		E-335	
44236			RC2826	MP0372B RELAY CABINET (CH. B)	G		E-336	
44300		P-372C	AD105	MP0372C CIRCUIT BREAKER (INTLK)	Q		E-338	
44301			BCD217B	MP0372C CONTROL CIRCUIT	AB	27294A	E-335	
44302					G	27294A	E-335	
44303					G	BCEQ	E-335	
44304					U	BCEQ	E-349-3	
44305					CC	BCEQ	E-347	
44306					DD	BCEQ	E-356-4	
44307					DD	BCPE	E-356-4	
44308					DD	BCKR	E-356-4	
44309					DD	BCPR	E-356-4	
44310					DD	BCKP	E-356-4	
44311					DF	BCKP	E-346	
44312					X	BCKP	E-346	
44313					X	46771A	E-346	
44314			BCD217C	MP0372C CONTROL CIRCUIT	FF	BCP02D	E-356-8	
44315					DD	BCP02D	E-356-8	
44316					DD	BCPC	E-356-4	
44317					DD	BCPD	E-356-4	
44318					DD	BCKP	E-356-4	
44319					DF	BCKP	E-346	
44320					X	BCKP	E-346	
44321					X	46771A	E-346	
44322			BCD217D	MP0372C CONTROL CIRCUIT	G	28247A	E-336	
44323					AB	28247A	E-336	
44324					AB	BCFE	E-336	
44325					AB	BCFE	E-350	
44326					DG	BCFE	E-348	
44327					V	BCFE	E-348	
44328					V	48090A	E-347	
44329					V	BCLB	E-347	
44330					DD	BCLB	E-356-4	
44331					DD	BCPC	E-356-4	
44332					DD	BCKQ	E-356-4	
44333					DD	BCPR	E-356-4	
44334					DD	BCKP	E-356-4	
44335					DF	BCKP	E-346	
44336					X	BCKP	E-346	
44337					X	46771A	E-346	
44338			BCD217E	MP0372C CONTROL CIRCUIT	A	27399A	E-335	
44339					G	27399A	E-335	
44340					G	BCEQ	E-335	
44341					G	28050C	E-335	
44342					G	BCDR	E-335	
44343					G	28050B*	E-333	
44343A					A	28050B*	E-333	
44343B					V	28050B*	E-333, 334	
44343C					A	28050B*	E-334	
44343D					G	28050B*	E-334	
44343E					G	28050B*	E-334	
44343F					AB	28050B	E-334	
44343G					AB	28050B*	E-334	
44344					AB	28050A	E-336	
44345					AB	28434C	E-336	
44346					AB	BCFE	E-336	
44347					G	28434B	E-336	
44348			BCD217F	MP0372C CONTROL CIRCUIT	G	28247B	E-336	
44349					AB	28247B	E-336	
44350					AB	BCFE	E-336	
44351					AB	BCFE	E-350	
44352					DG	BCFE	E-348	
44353					V	BCFE	E-348	
44354					DD	BCFE	E-356-4	
44355					DD	BCPC	E-356-4	
44356					DD	BCPR	E-356-4	
44357					DD	BCPE	E-356-4	
44358					DD	BCEQ	E-356-4	
44359					CC	BCEQ	E-347	
44360					U	BCEQ	E-349-3	
44361					G	BCEQ	E-335	
44362					G	27217B	E-335	

RACEWAY LEGEND (A) = 3-HR FIRE WRAP (B) = 1-HR FIRE WRAP (C) = RADIANT ENERGY SHIELD * = EMBEDDED CONDUIT

APPENDIX B-1

CIRCUIT/SUB-COMPONENT LOCATION SUMMARY BY SYSTEM

ID No.	SYSTEM	COMPONENT	CIRCUIT/ SUB-COMP	DESCRIPTION	FIRE AREA	RACEWAY	RACEWAY DRAWING	CHANGE NO/TYP
44363	MUPS	P-372C	BCD217F	MP0372C CONTROL CIRCUIT	AB	27217A	E-335	
44364			BCD217G	MP0372C CONTROL CIRCUIT	G	28247A	E-336	
44365					AB	28247A	E-336	
44366					AB	BCFE	E-336	
44367					AB	BCFE	E-350	
44368					DG	BCFE	E-348	
44369					V	BCFE	E-348	
44370					V	48090A	E-348	
44371					V	BCFE	E-348	
44372					V	BCLB	E-347	
44373					DD	BCLB	E-356-4	
44374					DD	BCPC	E-356-4	
44375					DD	BCKQ	E-356-4	
44376					DD	BCPR	E-356-4	
44377					DD	BCKV	E-356-4	
44378					DD	BCGN	E-356-4	
44379					A	BCGN	E-349-2, 356-4	
44380					A	BCGN	E-349-2	
44381					P	BCGN	E-338	
44382					Q	BCGN	E-338	
44383					Q	36708A	E-338	
44384					Q	BCGD	E-338	
44391A			BF1167	MP0372B CIRCUIT BREAKER (INTLK)	A		E-335	
44385			BPD217A	MP0372C POWER CIRCUIT	AB	36183C	E-335	
44386					A	36183C	E-335	
44387					Q	JB3620	E-338	
44388					Q	36183A	E-338	
44389					X	36183A	E-346	
44390					X	JB3680	E-346	
44391					X	36183D	E-346	
44392			C5704	MP0372C CONTROL ROOM PANEL (CH. B)	FF		E-353	
44393			D217	MP0372C MCC D2 CUBICLE (CH. B)	X		E-346	
44394			FPS2MU105A	MP0372C PRESSURE SWITCH (CH. B)	AB		E-335	
44395			MP372C	MU PUMP 1-2 AUX LUBE OIL PUMP (CH. B)	AB		E-335	
44396			NP372C	MP0372C LOCAL CONTROLLER (CH. B)	AB		E-335	
44397			RC2826	MP0372C RELAY CABINET (CH. B)	G		E-336	
44507		P-372D	AD105	MP372D CIRCUIT BREAKER (CH. B)	Q		E-338	
44400			BCBF1168B	MP372D CONTROL CIRCUIT	AB	27445A	E-335	
44401					AB	27440A	E-335	
44402					G	27440A	E-335	
44403					A	27440A	E-335	
44404			BCBF1168C	MP372D CONTROL CIRCUIT	FF	BCP02D	E-356-8	
44405					DD	BCP02D	E-356-8	
44406					DD	BCPC	E-356-4	
44407					DD	BCPR	E-356-4	
44408					DD	BCPE	E-356-4	
44409					DD	BCEQ	E-356-4	
44410					CC	BCEQ	E-347	
44411					U	BCEQ	E-349-3	
44412					G	BCEQ	E-335	
44413					G	27399A	E-335	
44414					A	27399A	E-335	
44415			BCBF1168D	MP372D CONTROL CIRCUIT	G	28247A	E-336	
44416					AB	28247A	E-336	
44417					AB	BCFE	E-336	
44418					AB	BCFE	E-350	
44419					DG	BCFE	E-348	
44420					V	BCFE	E-348	
44421					V	48090B	E-347, 348	
44422					V	BCLB	E-347, 348	
44423					DD	BCLB	E-356-4	
44424					DD	BCPE	E-356-4	
44425					DD	BCEQ	E-356-4	
44426					CC	BCEQ	E-347	
44427					U	BCEQ	E-349-3	
44428					G	BCEQ	E-335	
44429					G	27399A	E-335	
44430					A	27399A	E-335	
44431			BCBF1168E	MP372D CONTROL CIRCUIT	G	28247A	E-336	
44432					AB	28247A	E-336	
44433					AB	BCFE	E-336	
44434					AB	BCFE	E-350	
44435					DG	BCFE	E-348	
44436					V	BCFE	E-348	
44437					V	48090B	E-347, 348	
44438					V	BCLB	E-347, 348	
44439					DD	BCLB	E-356-4	
44440					DD	BCPE	E-356-4	

RACEWAY LEGEND (A) = 3-HR FIRE WRAP (B) = 1-HR FIRE WRAP (C) = RADIANT ENERGY SHIELD * = EMBEDDED CONDUIT

APPENDIX B-1

CIRCUIT/SUB-COMPONENT LOCATION SUMMARY BY SYSTEM

ID No.	SYSTEM	COMPONENT	CIRCUIT/ SUB-COMP	DESCRIPTION	FIRE AREA	RACEWAY	RACEWAY DRAWING	CHANGE NO/TYP
44441	MUPS	P-372D	BCBF1168E	MP372D CONTROL CIRCUIT	DD	BCEQ	E-356-4	
44442					CC	BCEQ	E-347	
44443					U	BCEQ	E-349-3	
44444					G	BCEQ	E-335	
44445					G	27399A	E-335	
44446					A	27399A	E-335	
44447			BCBF1168F	MP372D CONTROL CIRCUIT	AB	27217C	E-335	
44448					AB	27217A	E-335	
44449					G	27217A	E-335	
44450					G	BCEQ	E-335	
44451					U	BCEQ	E-349-3	
44452					CC	BCEQ	E-347	
44453					DD	BCEQ	E-356-4	
44454					DD	BCPE	E-356-4	
44455					DD	BCPR	E-356-4	
44456					DD	BCPC	E-356-4	
44457					DD	BCFE	E-356-4	
44458					V	BCFE	E-348, 347	
44459					DG	BCFE	E-348	
44460					AB	BCFE	E-350	
44461					AB	BCFE	E-336	
44462					AB	28247A	E-336	
44463					G	28247A	E-336	
44464			BCBF1168G	MP372D CONTROL CIRCUIT	G	28247A	E-336	
44465					AB	28247A	E-336	
44466					AB	BCFE	E-336	
44467					AB	BCFE	E-350	
44468					DG	BCFE	E-348	
44469					V	BCFE	E-348	
44470					V	48040A	E-347, 348	
44471					V	BCLB	E-347, 348	
44472					DD	BCLB	E-356-4	
44473					DD	BCPC	E-356-4	
44474					DD	BCKQ	E-356-4	
44475					DD	BCPR	E-356-4	
44476					DD	BCKP	E-356-4	
44477					DF	BCKP	E-346, 347	
44478					X	BCKP	E-346	
44479					X	46762A	E-346	
44480			BCBF1168I	MP372D CONTROL CIRCUIT	DD	BCKQ	E-356-4	
44481					G	28247A	E-336	
44482					AB	28247A	E-336	
44483					AB	BCFE	E-336	
44484					AB	BCFE	E-350	
44485					DG	BCFE	E-348	
44486					V	BCFE	E-348	
44487					V	48090A	E-348, 347	
44488					V	BCLB	E-348, 347	
44489					DD	BCLB	E-356-4	
44490					DD	BCPC	E-356-4	
44491					DD	BCPR	E-356-4	
44492					DD	BCGN	E-356-4	
44493					A	BCGN	E-349-2, 347	
44494					A	BCGN	E-349-2	
44495					P	BCGN	E-338	
44496					Q	BCGN	E-338	
44497					Q	36708A	E-338	
44498					Q	BCGD	E-338	
44506A			BF1167	MP0372B CIRCUIT BREAKER (INTLK)	A		E-335	
44506			BF1168	MP372D CIRCUIT BREAKER (CH. B)	A		E-346	
44499			BPBF1168A	MP372D POWER CIRCUIT	A	27437A	E-335	
44500					AB	27437A	E-335	
44501			C5704	MP372D CONTROL ROOM PANEL (CH. B)	FF		E-353	
44501A			D217	MP0372C MCC D2 CUBICLE (INTLK)	X		E-335	
44502			FPSMU102A	MP372D PRESSURE SWITCH (CH. B)	AB		E-335	
44503			MP372D	MU PUMP AUX GEAR L.O. PUMP (CH. B)	AB		E-335	
44504			NP372D	MP372D LOCAL CONTROLLER (CH. B)	AB		E-335	
44505			RC2826	MP372D RELAY CABINET (CH. B)	G		E-336	
44600		P37-1	1CAC105J	MP0371A CONTROL CIRCUIT	K	36964B	E-338	
44601					K	36075C	E-338	
44602					K	1CGP	E-338	
44603					DUCT	36075B*	E-337	
44604					S	36075A	E-338, 351	
44605					S	1CGC	E-338	
44606					S	36509A	E-338, 351-1	
44607					S	1CGZ	E-338	
44674			1PAC105A	MP0371A POWER CIRCUIT	S	36031A	E-338	
44675					DUCT	36031B*	E-333	

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APPENDIX B-1

CIRCUIT/SUB-COMPONENT LOCATION SUMMARY BY SYSTEM

ID No.	SYSTEM	COMPONENT	CIRCUIT/ SUB-COMP	DESCRIPTION	FIRE AREA	RACEWAY	RACEWAY DRAWING	CHANGE NO/TYP
44675A	MUPS	P37-1	1PAC105A	MP0371A POWER CIRCUIT	AB	36031B*	E-333, 337	
44675B					A	36031B*	E-333, 337	
44675C					AB	36031B*	E-333, 337	
44675D					AB	36031B*	E-333, 337	
44676					AB	36031C	E-335	
44677			AC105	MP0371A CIRCUIT BREAKER (CH. 1)	S		E-338	
44608			ACAC105B	MP0371A CONTROL CIRCUIT	FF	ACP02B	E-356-8	3 D
44609					DD	ACP02B	E-356-8	3 D
44610					DD	ACPG	E-356-2	3 D
44611					DD	ACPJ	E-356-2	3 D
44612					DD	ACGF	E-356-2	3 D
44613					II	ACGF	E-338, 349-1	3 D
44614					S	ACGF	E-338	3 D
44615					S	36508A	E-338	3 D
44616			ACAC105C	MP0371A CONTROL CIRCUIT	FF	ACP02B	E-356-8	3 D
44617					DD	ACP02B	E-356-8	3 D
44618					DD	ACPG	E-356-2	3 D
44619					DD	ACPJ	E-356-2	3 D
44620					DD	ACGF	E-356-2	3 D
44621					II	ACGF	E-338	3 D
44622					S	ACGF	E-338	3 D
44623					S	36508A	E-338	3 D
44628D			ACAC105D	MP0371A CONTROL POWER	AB	36032B*	E-333, 337	
44628E					DUCT	36032B*	E-333, 337	
44632			ACAC105E	MP0371A CONTROL CIRCUIT	AB	27291A	E-335	
44633					AB	36032C	E-335	
44634					AB	36032B*	E-333, 337	
44634A					AB	36032B*	E-333, 337	
44634B					G	36032B*	E-333, 337	
44634D					A	36032B*	E-333, 337	
44634E					DUCT	36032B*	E-333, 337	
44635					S	36032A	E-338	
44636					S	36508A	E-338	
44637					S	ACGF	E-338	
44638			ACAC105F	MP0371A CONTROL CIRCUIT	AB	27290B	E-335	
44639					AB	27290A	E-335	
44640					G	27290A	E-335	
44641					AB	36032C	E-335	
44642					AB	36032B*	E-333, 337	
44642A					AB	36032B*	E-333, 337	
44642C					A	36032B*	E-333, 337	
44642D					A	36032B*	E-333, 337	
44642E					DUCT	36032B*	E-333, 337	
44643					S	36032A	E-338	
44644					S	ACGF	E-338	
44645					S	36508A	E-338	
44665			ACAC105K	MP0371A CONTROL CIRCUIT	AB	27088A	E-335-1	
44666					AB	27354A	E-335	
44667					G	27354A	E-335	
44668					G	ACAB	E-335, 336	
44669					G	ACFA	E-336	
44670					G	JB2805	E-336	
44671					G	ACFH	E-336	
44672					G	28253A	E-336	
44673					G	28300B	E-336	
44615A			ACAC105L	MP0371A CONTROL CIRCUIT	S	36509A	E-338, 351-1	3 A
44615B					S	1CGZ	E-338, 351-1	3 A
44615C					S	1CGC	E-338, 351-1	3 A
44615D					S	36312A	E-338	3 A
44615E					R	36312A	E-338	3 A
44615F					P	36312A	E-338	3 A
44615G					P	JB3623	E-338	3 A
44615H					P	36312B	E-338	3 A
44615I					A	36312B	E-338, 349-2	3 A
44615J					A	JB3714	E-349-2	3 A
44615K					A	36312C	E-349-2	3 A
44615L					V	36312C	E-349-3	3 A
44615M					V	1CJM	E-349-3	3 A
44615N					U	1CJM	E-349-3, 351-4	3 A
44615P					CC	1CJM	E-347, 351-4	3 A
44615Q					DD	1CJM	E-356-6	3 A
44615R					DD	1CPL	E-356-6	3 A
44615S					DD	1CPR	E-356-6	3 A
44615T					DD	1CPM	E-356-6	3 A
44615U					DD	57092A	E-356-4	3 A
44615V					FF	57092A	E-353	3 A
44623A			ACAC105M	MP0371A CONTROL CIRCUIT	S	36509A	E-338, 351-1	3 A
44623B					S	1CGZ	E-338, 351-1	3 A
44623C					S	1CGC	E-338, 351-1	3 A

RACEWAY LEGEND (A) = 3-HR FIRE WRAP (B) = 1-HR FIRE WRAP (C) = RADIANT ENERGY SHIELD * = EMBEDDED CONDUIT

APPENDIX B-1

CIRCUIT/SUB-COMPONENT LOCATION SUMMARY BY SYSTEM

ID No.	SYSTEM	COMPONENT	CIRCUIT/ SUB-COMP	DESCRIPTION	FIRE AREA	RACEWAY	RACEWAY DRAWING	CHANGE NO/TYP
44623D	MUPS	P37-1	ACAC105M	MP0371A CONTROL CIRCUIT	S	36312A	E-338	3 A
44623E					R	36312A	E-338	3 A
44623F					P	36312A	E-338	3 A
44623G					P	JB3623	E-338	3 A
44623H					P	36312B	E-338	3 A
44623I					A	36312B	E-338, 349-2	3 A
44623J					A	JB3714	E-349-2	3 A
44623K					A	36312C	E-349-2	3 A
44623L					V	36312C	E-349-3	3 A
44623M					V	1CJM	E-349-3	3 A
44623N					U	1CJM	E-349-3, 351-4	3 A
44623P					CC	1CJM	E-347, 351-4	3 A
44623Q					DD	1CJM	E-356-4	3 A
44623R					DD	1CPL	E-356-4	3 A
44623S					DD	1CPR	E-356-4	3 A
44623T					DD	1CPM	E-356-4	3 A
44623U					DD	57092A	E-356	3 A
44623V					FF	57092A	E-356	3 A
44664A			ACAC105N	MP0371A CONTROL CIRCUIT	S	36509A	E-338,351-1	3 A
44664B					S	1CGZ	E-338	3 A
44664C					S	1CGC	E-338	3 A
44664D					S	36312A	E-338	3 A
44664E					R	36312A	E-338	3 A
44664F					P	36312A	E-338	3 A
44664G					P	JB3623	E-338	3 A
44664H					P	36312B	E-338	3 A
44664I					A	36312B	E-338, 349-2	3 A
44664J					A	JB714	E-349-2	3 A
44664K					A	36312C	E-349-2	3 A
44664L					V	36312C	E349-3	3 A
44664M					V	1CJM	E349-3, 350	3 A
44664N					V	1CFF	E-350	3 A
44664P					G	1CFF	E-336	3 A
44664Q					G	28059A	E-336	3 A
44678			C3615	EDG 1-1 ELECT CONTROL & RELAY PANEL	K		E-338	
44679			C5704	MP0371A CONTROL ROOM PANEL (CH. 1)	FF		E-353	
44680			FPS3MU105B	MP0371A PRESSURE SWITCH (CH. A)	AB		E-335	
44681			MP0371A	MAKE UP PUMP 1-1 (CH. A & 1)	AB		E-335	
44682			MV6405	MP0371A CONTROL CIRCUIT	AB		E-335-1	
44683			NP371A	MP0371A LOCAL CONTROLLER (CH. A)	AB		E-335	
44684			RC2825	MP0371A RELAY CABINET (CH. A)	G		E-336	
44700		P37-2	2CAD105J	MP0372A CONTROL CIRCUIT	J	36919B	E-338	
44701					J	2CGS	E-338	
44702					J	36176C	E-338	
44704					DUCT	36176B*	E-337	
44705					Q	36176A	E-338	
44706					Q	36709A	E-338	
44707					Q	2CGE	E-338	
44808			2PAD105A	MP0372A POWER CIRCUIT	AB	36131C	E-335	
44809					AB	36131B*	E-337, 333	
44809A					AB	36131B*	E-333, 337	
44809B					A	36131B*	E-337	
44809C					AB	36131B*	E-333, 337	
44809D					DUCT	36131B*	E-333, 337	
44810					Q	36131A	E-338	
44811			AD105	MP0372A CIRCUIT BREAKER (CH. B)	Q		E-338	
44708			BCAD105B	MP0372A CONTROL CIRCUIT	FF	BCP02D	E-356-8	
44709					DD	BCP02D	E-356-8	
44710					DD	BCPC	E-356-4	
44711					DD	BCPD	E-356-4	
44712					DD	BCPR	E-356-4	
44713					DD	BCPF	E-356-4	
44714					DD	BCGN	E-356-4	
44715					A	BCGN	E-347, 356-4	
44716					A	BCGN	E-349-2	
44717					P	BCGN	E-338	
44718					Q	BCGN	E-338	
44719					Q	36708A	E-338	
44720					Q	BCGD	E-338	
44721			BCAD105C	MP0372A CONTROL CIRCUIT	FF	BCP02D	E-356-8	
44722					DD	BCP02D	E-356-8	
44723					DD	BCPC	E-356-4	
44724					DD	BCPD	E-356-4	
44725					DD	BCPR	E-356-4	
44726					DD	BCPF	E-356-4	
44727					DD	BCGN	E-356-4	
44728					A	BCGN	E-347, 356-4	
44729					A	BCGN	E-349-2	

RACEWAY LEGEND (A) = 3-HR FIRE WRAP (B) = 1-HR FIRE WRAP (C) = RADIANT ENERGY SHIELD * = EMBEDDED CONDUIT

APPENDIX B-1

CIRCUIT/SUB-COMPONENT LOCATION SUMMARY BY SYSTEM

ID No.	SYSTEM	COMPONENT	CIRCUIT/ SUB-COMP	DESCRIPTION	FIRE AREA	RACEWAY	RACEWAY DRAWING	CHANGE NO/TYP
44730	MUPS	P37-2	BCAD105C	MP0372A CONTROL CIRCUIT	P	BCGN	E-338	
44731					Q	BCGN	E-338	
44732					Q	36708A	E-338	
44733					Q	BCGD	E-338	
44742			BCAD105E	MP0372A CONTROL CIRCUIT	AB	27289A	E-335	
44743					AB	36132C	E-335	
44744					AB	36132B*	E-333	
44744A					G	36132B*	E-333	
44744B					AB	36132B*	E-333	
44744C					A	36132B*	E-333, 337	
44744D					A	36132B*	E-333, 337	
44744E					DUCT	36132B*	E-333, 337	
44745					Q	36132A	E-338, 351-2	
44746					Q	BCGL	E-338	
44747					Q	36708A	E-338	
44748					Q	BCGD	E-338	
44749			BCAD105F	MP0372A CONTROL CIRCUIT	AB	27288B	E-335	
44750					AB	27288A	E-335	
44751					AB	36132C	E-335	
44752					AB	36132B*	E-333	
44752A					G	36132B*	E-333	
44752B					AB	36132B*	E-333	
44752C					A	36132B*	E-333, 337	
44752D					A	36132B*	E-333, 337	
44752E					DUCT	36132B*	E-333, 337	
44753					Q	36132A	E-338	
44754					Q	BCGL	E-338	
44755					Q	36708A	E-338	
44756					Q	BCGD	E-338	
44757			BCAD105G	MP0372A CONTROL CIRCUIT	G	28222A	E-336	
44758					AB	28222A	E-336	
44759					AB	BCFE	E-336	
44760					AB	BCFE	E-350	
44761					DG	BCFE	E-348	
44762					V	BCFE	E-348	
44763					DD	BCFE	E-356-4	
44764					DD	BCPC	E-356-4	
44765					DD	BCPE	E-356-4	
44766					DD	BCPR	E-356-4	
44767					DD	BCPF	E-356-4	
44768					DD	BCGN	E-356-4	
44769					A	BCGN	E-347, 356-4	
44770					A	BCGN	E-349-2	
44771					P	BCGN	E-338	
44772					Q	BCGN	E-338	
44773					Q	36708A	E-338	
44774					Q	BCGD	E-338	
44775			BCAD105H	MP0372A CONTROL CIRCUIT	G	28247B	E-336	
44776					AB	BCFE	E-336	
44777					AB	BCFE	E-350	
44778					DG	BCFE	E-348	
44779					V	BCFE	E-348	
44780					V	48090B	E-348	
44781					V	BCFE	E-348	
44782					V	BCLB	E-347	
44783					DD	BCLB	E-356-4	
44784					DD	BCPC	E-356-4	
44785					DD	BCKQ	E-356-4	
44786					DD	BCPR	E-356-4	
44787					DD	BCKV	E-356-4	
44788					DD	BCGN	E-356-4	
44789					A	BCGN	E-347, 356-4	
44790					A	BCGN	E-349-2	
44791					P	BCGN	E-338	
44792					Q	BCGN	E-338	
44793					Q	36708A	E-338	
44794					Q	BCGD	E-338	
44795			BCAD105K	MP0372A CONTROL CIRCUIT	AB	27355A	E-335-1	
44796					G	27355A	E-335-1	
44797					G	BCEQ	E-335,335-1	
44798					U	BCEQ	E-351-4	
44799					U	37475C	E-349-3	
44800					U	BCHD	E-349-3	
44801					A	BCHD	E-349-2	
44802					A	BCJD	E-349-2	
44803					A	BCJD	E-349-2, 356-4	
44804					DD	BCJD	E-356-4	
44805					DD	BCKR	E-356-4	
44806					DF	BCKR	E-346, 347	

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APPENDIX B-1

CIRCUIT/SUB-COMPONENT LOCATION SUMMARY BY SYSTEM

ID No.	SYSTEM	COMPONENT	CIRCUIT/ SUB-COMP	DESCRIPTION	FIRE AREA	RACEWAY	RACEWAY DRAWING	CHANGE NO/TYP
44807	MUPS	P37-2	BCAD105K	MP0372A CONTROL CIRCUIT	DF	46856D	E-346, 347	
44812			C3616	MP0372A ELECT CTRL & RLY BD (CH. 2)	J		E-338	
44813			C5704	MP0372A CONTROL ROOM PANEL (CH. B)	FF		E-353	
44814			FPS3MU105A	MP0372A PRESSURE SWITCH (CH. B)	AB		E-335	
44815			MP0372A	MAKE UP PUMP 1-2 (CH. B & 2)	AB		E-335	
44816			MV3971	RC MU PUMP SUCTION VALVE (CH 2)	AB		E-335-1	
44817			NP0372A	MP0372A LOCAL CONTROLLER (CH. B)	AB		E-335	
44818			RC2825	MP0372A RELAY CABINET (CH. B)	G		E-336	
44819			RC2826	MP0372A RELAY CABINET (CH. B)	G		E-335	
44820			RC4602	MP0372A RELAY CABINET (CH. B)	DF		E-347	
44820A		P371A	N/A	MU PUMP 1 MSIN GESR LO PUMP	AB	N/A		
44820B		P372A	N/A	MU PUMP 2 MSIN GESR LO PUMP	AB	N/A		
44830		T-4	N/A	MAKEUP TANK	G	MAN		
44850A		T15-1	N/A	CLEAN WASTE RECIEVER TANK 1-1	A	N/A		
44850		T15-2	N/A	CLEAN WASTE REVEIVER TANK 1-2	A	MAN		
44835		T5-1	N/A	MIXED BED PURIFICATION DEMINERLIZER 1-1	G	MAN		
44840		T5-2	N/A	MIXED BED PURIFICATION DEMINERLIZER 1-2	G	MAN		
44845		T5-3	N/A	CATION BED PURIFICATION DEMINERLIZER 1-3	G	MAN		
44845A		WC119	N/A	CLEAN WASTE TANK INLET LINE ISO VLV	A	N/A		
44845B		WC120	N/A	CLEAN WASTE TANK INLET LINE ISO VLV	G	N/A		
44940		WC1453	ACV1453A	WC1453 CONTROL CIRCUIT	G	27633B	E-335	
44900			ACV1453B	WC1453 CONTROL CIRCUIT	G	NIPPLE	E-335	
44901			ACV1453C	WC1453 CONTROL CIRCUIT	G	27633A	E-335	
44902					G	ACEM	E-335	
44903					G	27570A	E-335	
44904					G	ACFB	E-335	
44905					G	ACDA	E-335	
44906					AB	ACDA	E-332	
44907					AB	ACDD	E-332	
44908					A	ACDD	E-332	
44909					A	ACDE	E-332	
44910			ACV1453D	WC1453 CONTROL CIRCUIT	G	27633A	E-335	
44911					G	ACEM	E-335	
44912					G	ACEN	E-335	
44913					U	ACEN	E-349	
44914					CC	ACEN	E-347	
44915					DD	ACEN	E-356	
44916					DD	37720A	E-356	
44917					DD	ACGH	E-356	
44918					G	ACGH	E-349	
44919					G	37698A	E-349	
44919A			ACV1453E	WC1453 INDICATING CIRCUIT	G	27633B	E-335	
44920			ACV1453F	WC1453 CONTROL CIRCUIT	G	27545A	E-335	
44921					G	ACEM	E-335	
44922					G	ACEN	E-335	
44923					U	ACEN	E-349	
44924					CC	ACEN	E-347	
44925					DD	ACEN	E-356	
44926					DD	37720A	E-356	
44927					DD	ACGH	E-356	
44928					G	ACGH	E-349	
44929					G	37698A	E-349	
44930			ACV1453G	WC1453 CONTROL CIRCUIT	G	27633A	E-335	
44931					G	ACEM	E-335	
44932					G	ACEN	E-335	
44933					U	ACEN	E-349	
44934					CC	ACEN	E-347	
44935					DD	ACEN	E-356	
44936					DD	ACPG	E-356	
44937					DD	ACPR	E-356	
44938					DD	ACP20A	E-356	
44939					FF	ACP20A	E-356	
44943			C1702	WC1453 CONTROL CABINET	A		E-332	
44946			C5718	WC1453 CONTROL ROOM PANEL (CH A)	FF		E-353	
44941			EV1453	WC1453 TERMINAL BOX (CH A)	G		E-335	
44942			NV1453	WC1453 LOCAL CONTROLLER (CH A)	G		E-335	
44944			RC3715	WC1453 RELAY CABINET	G		E-349	
44947			SV1453	WC1453 SOLENOID VALVE	G		E-335	

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APPENDIX B-1

CIRCUIT/SUB-COMPONENT LOCATION SUMMARY BY SYSTEM

ID No.	SYSTEM	COMPONENT	CIRCUIT/ SUB-COMP	DESCRIPTION	FIRE AREA	RACEWAY	RACEWAY DRAWING	CHANGE NO/TYP
44945	MUPS	WC1453	TSHH1740	WC1453 TEMPERATURE SWITCH	G		E-335	
45130		WC1743	ACV1743A	WC1743 POWER CIRCUIT	A	17609C	E-332	
45131			ACV1743B	WC1743 CONTROL CIRCUIT	A	NIPPLE	E-332	
45132			ACV1743C	WC1743 CONTROL CIRCUIT	A	17609E	E-332	
45133					A	ACDD	E-332	
45134					AB	ACDD	E-332	
45135					A	ACDE	E-332	
45136			ACV1743D	WC1743 CONTROL CIRCUIT	A	17609A	E-332	
45137					A	ACDD	E-332	
45138					AB	ACDD	E-332	
45139					A	ACDD	E-332	
45140					A	17702A	E-332	
45141			ACV1743E	WC1743 CONTROL CIRCUIT	A	17609A	E-332	
45142					A	ACDD	E-332	
45143					AB	ACDD	E-332	
45144					AB	ACDA	E-332	
45145					AB	17122A	E-332	
45146					AB	17122B*	E-330	
45147					A	17122B*	E-330	
45148					A	17122C	E-332	
45149					A	17122E	E-332	
45150					A	17122G	E-332	
45151					A	17122H	E-332	
45152			ACV1743F	WC1743 INDICATING CIRCUIT	A	17609C	E-322	
45160			ACV1743G	WC1743 CONTROL CIRCUIT	A	17609E	E-332	
45161					A	ACDD	E-332	
45162					AB	ACDD	E-332	
45163					AB	ACDA	E-332, 351-4	
45164					G	ACDA	E-335, 351-4	
45165					U	ACDA	E-349-3, 351-4	
45166					CC	ACDA	E-347, 351-4	
45167					DD	ACDA	E-356-2	
45168					DD	ACPJ	E-356-2	
45169					DD	ACPG	E-356-2	
45170					DD	ACP20A	E-356-9	
45171					FF	ACP20A	E-353, 356-9	
45172			C1702	WC1743 CONTROL CABINET	A		E-322	
45178			C5718	CONTROL ROOM BENCH BOARD	FF		E-353	
45173			EV1751	WC1743 TERMINAL BOX	A		E-322	
45177			FLSHH1746	CLEAN WASTE RECEIVER TANK LEVEL SWITCH	A		E-322	
45174			NV1743	WC1743 LOCAL CONTROLLER	A		E-322	
45176			RC1760	WC1743 RELAY CABINET	A		E-322	
45175			SV1743	WC1743 SOLENOID VALVE	A		E-322	
45000		WC1747	BCV1747A	WC1747 CONTROL CIRCUIT	A	17610C	E-332	
45001			BCV1747B	WC1747 CONTROL CIRCUIT	A	NIPPLE	E-332	
45002			BCV1747C	WC1747 CONTROL CIRCUIT	A	17610A	E-332	
45003					G	17610A	E-335	
45004					G	BCEQ	E-335	
45005					G	BCDR	E-335	
45006					A	BCDR	E-332	
45007					A	BCDS	E-332	
45008					A	BCDT	E-332	
45009					A	BCDE	E-332	
45010			BCV1747D	WC1747 CONTROL CIRCUIT	A	17610A	E-332	
45011					G	17610A	E-335	
45012					G	BCEQ	E-335	
45013					G	BCDR	E-332	
45014					A	BCDR	E-335	
45015					A	BCDS	E-332	
45016					A	BCDT	E-332	
45017					A	17703A	E-332	
45018			BCV1747E	WC1747 CONTROL CIRCUIT	A	17610A	E-332	
45019					G	17610A	E-335	
45020					G	BCEQ	E-335	
45021					G	BCDR	E-332	
45022					A	BCDR	E-335	
45023					A	BCDS	E-332	
45024					A	17105A	E-332	
45025					A	17105B*	E-330	
45026					A	17105C	E-335	
45027					A	17105E	E-335	
45028					A	17105G	E-332, 335	
45029					A	17105H	E-335	
45029A			BCV1747F	WC1747 INDICATING CIRCUIT	A	17610C	E-332	
45030			BCV1747G	WC1747 CONTROL CIRCUIT	A	17610D	E-332	
45031					G	17610D	E-335	
45033					G	BCEQ	E-335	

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APPENDIX B-1

CIRCUIT/SUB-COMPONENT LOCATION SUMMARY BY SYSTEM

ID No.	SYSTEM	COMPONENT	CIRCUIT/ SUB-COMP	DESCRIPTION	FIRE AREA	RACEWAY	RACEWAY DRAWING	CHANGE NO/TYP
45034	MUPS	WC1747	BCV1747G	WC1747 CONTROL CIRCUIT	U	BCEQ	E-349	
45035					CC	BCEQ	E-347	
45036					DD	BCEQ	E-356	
45037					DD	BCPR	E-356	
45038					DD	BCPC	E-356	
45039					DD	BCP20B	E-356	
45040					FF	BCP20B	E-356	
45044			C1702	WC1747 CONTROL CABINET	A		E-335	
45045			C5718	WC1747 CONTROL ROOM PANEL (CH B)	FF		E-353	
45041			EV1752	WC1747 TERMINAL BOX (CH B)	A		E-332	
45046			FLSHH1748	CLEAN WASTE RECEIVER TANK LEVEL SWITCH	A		E-335	
45042			NV1747	WC1747 LOCAL CONTROLLER	A		E-332	
45043			RC1761	WC1747 RELAY CABINET	A		E-335	
45047			SV1747	WC1747 SOLENOID VALVE	A		E-332	
45121		WC3560	ACV3560A	WC3560 POWER CIRCUIT	G	27635C	E-335	
45122					G	27635D	E-335	
45100			ACV3560B	WC3560 CONTROL CIRCUIT	G	NIPPLE	E-335	
45101			ACV3560C	WC3560 CONTROL CIRCUIT	G	27635A	E-335	
45102					G	ACEM	E-335	
45103					G	ACEN	E-335	
45104					U	ACEN	E-349	
45105					CC	ACEN	E-347	
45106					DD	ACEN	E-356	
45107					DD	ACPG	E-356	
45108					DD	ACPR	E-356	
45109					DD	ACP20A	E-356	
45110					FF	ACP20A	E-356	
45111			ACV3560D	WC3560 CONTROL CIRCUIT	G	27635A	E-335	
45112					G	ACEM	E-335	
45113					G	ACEN	E-335	
45114					U	ACEN	E-349	
45115					CC	ACEN	E-347	
45116					DD	ACEN	E-356	
45117					U	37720A	E-349	
45118					DD	ACGH	E-356	
45119					G	ACGH	E-349	
45120					G	37751A	E-349	
45120A			ACV3560E	WC3560 INDICATING CIRCUIT	G	27635C	E-335	
45120B					G	27635D	E-335	
45125			C5718	WC3560 CONTROL ROOM PANEL (CH A)	FF		E-353	
45123			EV3560	WC3560 TERMINAL BOX (CH A)	G		E-335	
45124			NV3560	WC3560 LOCAL CONTROLLER (CH A)	G		E-335	
45126			RC3715	WC3560 RELAY CABINET	G		E-349	
45127			SV3560	WC3560 SOLENOID VALVE	G		E-335	
45200	NI	NI-5874A	1LNF5874A	NE5874, NI5874A INDICATING CIRCUIT	D	C3911	E-365	
45201					D	39010D	E-365, 368, 369	
45202					D	C3901	E-369	
45203					D	39085C	E-369	
45204					D	JB3925	E-369	
45205					D	JB5874A	E-369	
45206			1LNF5874B	NE5874, NI5874A INDICATING CIRCUIT	D	JB3925	E-369	
45207					D	39085B	E-369	
45208					D	JB3927	E-369	
45209					D	39085A	E-369, 366	
45210					AB	Exposed	E-366	
45211					D	JB5874A	E-366	
45212			1LNF5874C	NE5874, NI5874A INDICATING CIRCUIT	DG	48554A	E-348	
45213			1LNF5874E	NE5874, NI5874A INDICATING CIRCUIT	DG	48554B	E-348	
45214			1LNF5874G	NE5874, NI5874A INDICATING CIRCUIT	DG	48554C	E-348	
45215					V	48554C	E-348	
45216					V	JB4850	E-348	
45217					V	48408B	E-348	
45218					DD	48408B	E-356	
45219					DD	1LP63A	E-356	
45220					FF	1LP63A	E-353	
45221					FF	5763A5	E-353	
45224			C4808	NE5874, NI5874A CONTROL PANEL	DG		E-348	
45225			C5799	NE5874, NI5874A CONTROL ROOM PANEL	FF		E-353	
45226			NE5874	EX-CORE NEUTRON FLUX FISSION CHAMBER	D		E-365	
45228			NI5874A	EX-CORE NEUTRON FLUX SR INDICATOR	FF		E-353	
45227			NY5874B	EX-CORE NEUTRON FLUX AMPLIFIER	DG		E-348	
45229			NY5874C	SIGNAL PROCESSOR	DG		E-348	
45222			P1L5WI	NE5874, NI5874A PENE TERMINAL BOX	D		E-366	
45223			P1L5WX	NE5874, NI5874A PENE TERMINAL BOX	DG		E-348	
45300		NI-5874C	1LNF5874A	NE-5874,NI-5874C IND CIRCUIT	D	C3911	E-365	
45301					D	39010D	E-365, 368, 369	

RACEWAY LEGEND (A) = 3-HR FIRE WRAP (B) = 1-HR FIRE WRAP (C) = RADIANT ENERGY SHIELD * = EMBEDDED CONDUIT

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CIRCUIT/SUB-COMPONENT LOCATION SUMMARY BY SYSTEM

ID No.	SYSTEM	COMPONENT	CIRCUIT/ SUB-COMP	DESCRIPTION	FIRE AREA	RACEWAY	RACEWAY DRAWING	CHANGE NO/TYP
45302	NI	NI-5874C	1LNF5874A	NE-5874,NI-5874C IND CIRCUIT	D	C3901	E-369	
45303					D	39085C	E-369	
45304					D	JB3925	E-369	
45305					D	JB5874A	E-346	
45306			1LNF5874B	NE-5874,NI-5874C IND CIRCUIT	D	JB3925	E-369	
45307					D	39085B	E-369	
45308					D	JB3927	E-369	
45309					D	39085A	E-366, 369	
45310					AB	Exposed	E-366	
45311					D	JB5874A	E-346	
45312			1LNF5874C	NE-5874,NI-5874C IND CIRCUIT	DG	48554A	E-348	
45313			1LNF5874D	NE-5874,NI-5874C IND CIRCUIT	DG	48554B	E-348	
45314			1LNF5874E	NE-5874,NI-5874C IND CIRCUIT	DG	48554B	E-348	
45315			1LNF5874F	NE-5874,NI-5874C IND CIRCUIT	DG	48554B	E-348	
45318			C4808	NE-5874,NI-5874C CONTROL PANEL	DG		E-348	
45319			NE5874	EX-CORE NEUTRON FLUX FISSION CHAMBER	D		E-365	
45321			NI5874C	EX-CORE NEUTRON FLUX SR INDICATOR	DG		E-348	
45320			NY5874B	EX-CORE NEUTRON FLUX AMPLIFIER	DG		E-348	
45322			NY5874C	SIGNAL PROCESSOR	DG		E-348	
45316			P1L5WI	NE-5874,NI-5874C PENE BOX	D		E-369	
45317			P1L5WX	NE-5874,NI-5874C PENE BOX	DG		E-348	
45400		NI-5875A	2LNF5875A	NE5875,NI5875A INDICATING CIRCUIT	D	C3912	E-369	
45401					D	39035B	E-369, 365	
45402					D	JB3924	E-369	
45403					D	39180A	E-369	
45404					D	JB3923	E-369	
45405					D	JB5875A	E-369	
45406			2LNF5875B	NE5875,NI5875A INDICATING CIRCUIT	D	JB3923	E-369	
45407					D	39179A	E-369	
45408					A	Exposed	E-366	
45409					D	JB5875A	E-369	
45410			2LNF5875C	NE5875,NI5875A INDICATING CIRCUIT	DF	JB3682	E-346	
45411					DF	46961A	E-346	
45412					DF	JB4681	E-346	
45413					DF	2CKP	E-346	
45414					DF	FIELD	E-346	
45415			2LNF5875E	NE5875,NI5875A INDICATING CIRCUIT	DF	46961C	E-346	
45416					DF	JB4677	E-346	
45417					DF	46961G	E-346, 347	
45418					DF	JB4678	E-347	
45419					DF	46961J	E-347	
45420			2LNF5875G	NE5875,NI5875A INDICATING CIRCUIT	DF	46961D	E-347	
45421					DF	JB4712	E-347	
45422					DD	2LP55G	E-356	
45423					FF	2LP55G	E-353	
45424					DF	47554D	E-347	
45425					DD	47554D	E-356	
45426					FF	5755G5	E-353	
45429			C4602	NE5875,NI5875A CONTROL PANEL	DF		E-344, 347	
45430			C5798	NE5875,NI5875A CONTROL ROOM PANEL	FF		E-353	
45431			NE5875	EX-CORE NEUTRON FLUX FISSION CHAMBER	D		E-369	
45433			NI5875A	EX-CORE NEUTRON FLUX SR INDICATOR	FF		E-353	
45432			NY5875B	EX-CORE NEUTRON FLUX AMPLIFIER	DF		E-343, 346	
45434			NY5875C	SIGNAL PROCESSOR	DF		E-353	
45427			P2L2CI	NE5875,NI5875A PENE TERMINAL BOX	D		E-366	
45428			P2L2CX	NE5875,NI5875A PENE TERMINAL BOX	DF		E-343, 346	
45600		NI-NI1	2LRPSA03A	NE, NT, NI-NI1 INDICATING CIRCUIT	DF	47550A	E-347	
45601					DD	47550A	E-356-1	
45602					FF	47550A	E-356-1	
45603			2LRPSA03B	NE, NT, NI-NI1 INDICATING CIRCUIT	DF	47550A	E-347	
45604					DD	47550A	E-356-1	
45605					FF	47550A	E-356-1	
45606			2LRPSA03C	NE, NT, NI-NI1 INDICATING CIRCUIT	DF	47550A	E-347	
45607					DD	47550A	E-356-1	
45608					FF	47550A	E-356-1	
45609			2LRPSA03E	NE, NT, NI-NI1 INDICATING CIRCUIT	D	39035B	E-365	
45610			2LRPSA03X	NE, NT, NI-NI1 INDICATING CIRCUIT	D	39034A	E-365, 362	
45611					A	Exposed	E-378B-3	
45612			2LRPSA03Y	NE, NT, NI-NI1 INDICATING CIRCUIT	D	39034A	E-365, 362	
45613					A	Exposed	E-378B-3	
45614			2LRPSA03Z	NE, NT, NI-NI1 INDICATING CIRCUIT	D	39034A	E-365, 362	
45615					A	Exposed	E-378B-3	
45615A			BLNI2201	NE, NT, NI-NI1 INDICATING CIRCUIT	FF	UNSCHED	E-356-1	
45615B					DD	BLP	E-356-1	
45615C					DD	BLPA	E-356-1	
45615D					DD	BLP	E-356-1	
45615E					FF	UNSCHED	E-356-1	

RACEWAY LEGEND (A) = 3-HR FIRE WRAP (B) = 1-HR FIRE WRAP (C) = RADIANT ENERGY SHIELD * = EMBEDDED CONDUIT

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CIRCUIT/SUB-COMPONENT LOCATION SUMMARY BY SYSTEM

ID No.	SYSTEM	COMPONENT	CIRCUIT/ SUB-COMP	DESCRIPTION	FIRE AREA	RACEWAY	RACEWAY DRAWING	CHANGE NO/TYP
45616	NI	NI-NI1	C3902	NE, NT, NI-NI1 CONTROL CABINET (CH. 2)	D		E-365	
45617			C3912	NE, NT, NI-NI1 CONTROL CABINET (CH. 2)	D		E-365	
45618			C5755E	NE, NT, NI-NI1 CTRM PANEL (CH. 2)	FF		E-353	
45619			NE-NI1	SOURCE RANGE ELEMENT (CH. 2)	D		E-365	
45620			NI-NI1	SOURCE RANGE INDICATOR (CH. 2)	FF		E-353	
45621			NT-NI1	SOURCE RANGE TRANSMITTER (CH. 2)	D		E-365	
45622			P2L4GI	NE, NT, NI-NI1 PENETRATION BOX (CH. 2)	D		E-362	
45623			P2L4GX	NE, NT, NI-NI1 PENETRATION BOX (CH. 2)	DF		E-347	
45700		NI-NI2	1LRPSB03A	NE, NT, NI-NI2 INDICATING CIRCUIT	AB	38600A	E-350	
45701					V	38600A	E-350, 349-3	
45702					U	38600A	E-349-3	
45703					CC	38600A	E-347	
45704					DD	38600A	E-356-1	
45705					FF	38600A	E-356-1	
45706			1LRPSB03B	NE, NT, NI-NI2 INDICATING CIRCUIT	AB	38600A	E-350	
45707					V	38600A	E-350, 349-3	
45708					U	38600A	E-349-3	
45709					CC	38600A	E-347	
45710					DD	38600A	E-356-1	
45711					FF	38600A	E-356-1	
45712			1LRPSB03C	NE, NT, NI-NI2 INDICATING CIRCUIT	AB	38600A	E-350	
45713					V	38600A	E-350, 349-3	
45714					U	38600A	E-349-3	
45715					CC	38600A	E-347	
45716					DD	38600A	E-356-1	
45717					FF	38600A	E-356-1	
45718			1LRPSB03E	NE, NT, NI-NI2 INDICATING CIRCUIT	D	39010D	E-365, 368	
45719			1LRPSB03X	NE, NT, NI-NI2 INDICATING CIRCUIT	D	39006D	E-365	
45720					D	39006C	E-368	
45721					D	39006B	E-365	
45722					AB	Exposed	E-378B-3	
45723			1LRPSB03Y	NE, NT, NI-NI2 INDICATING CIRCUIT	D	39006D	E-365	
45724					D	39006C	E-368	
45725					D	39006B	E-365	
45726					AB	Exposed	E-378B-3	
45727			1LRPSB03Z	NE, NT, NI-NI2 INDICATING CIRCUIT	D	39006D	E-365	
45728					D	39006C	E-368	
45729					D	39006B	E-365	
45730					AB	Exposed	E-378B-3	
45730A			ALNI1201	NE, NT, NI-NI2 INDICATING CIRCUIT	FF	UNSCHED	E-356-1	
45730B					DD	ALP	E-356-1	
45730C					DD	ALPB	E-356-1	
45730D					DD	ALP	E-356-1	
45730E					FF	UNSCHED	E-356-1	
45731			C3901	NE, NT, NI-NI2 CONTROL CABINET (CH. 1)	D		E-365	
45732			C3911	NE, NT, NI-NI2 CONTROL CABINET (CH. 1)	D		E-365	
45733			C5762E	NE, NT, NI-NI2 CTRL RM PANEL (CH. 1)	FF		E-353	
45734			NE-NI2	SOURCE RANGE ELEMENT (CH. 1)	D		E-365	
45735			NI-NI2	SOURCE RANGE INDICATOR (CH. 1)	FF		E-353	
45736			NT-NI2	SOURCE RANGE TRANSMITTER (CH. 1)	D		E-365	
45737			P1L1LI	NE, NT, NI-NI2 PENETRATION BOX (CH. 1)	D		E-369	
45738			P1L1LX	NE, NT, NI-NI2 PENETRATION BOX (CH. 1)	AB		E-350	
44799A	NNI	FI-MU31	2LLMU31A	FT, FI-MU31 INDICATING CIRCUIT	AB	27134C	E-335	1 A
44799B					AB	JB2709	E-335	1 A
44799C					AB	27134A	E-335	1 A
44799D					A	27134A	E-335	1 A
44799E					A	JT2729	E-335	1 A
44799F					A	27190A	E-335	1 A
44799G					A	27190A	E-335	1 A
44799H					A	27190A	E-349-2	1 A
44799I					A	27190B	E-349-2	1 A
44799J					A	37162A	E-349-2	1 A
44799K					U	37162A	E-349-3	1 A
44799L					CC	37162A	E-347	1 A
44799M					DD	37162A	E-356-1	1 A
44799N					DD	C5755B	E-356-1	1 A
44799P					FF	C5755A	E-356-1	1 A
44799Q					FF	5755G7	E-356-1	1 A
44799R					FF	5755G7	E-353	1 A
44799Z					FF	C5755G	E-356-1	
44795U			2LLMU31B	FT, FI-MU31 INDICATING CIRCUIT	FF	C5755G	E-356-1	
44795V					FF	5755G9	E-356-1	
44795W					DD	5755G9	E-356-1	
44795X					FF	C5755H	E-356-1	
44799S					FF	2LP55J	E-356-1	1 A
44799T					DD	2LP55J	E-356-1	1 A
44799U					DD	5755G8	E-356-1	1 A

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APPENDIX B-1

CIRCUIT/SUB-COMPONENT LOCATION SUMMARY BY SYSTEM

ID No.	SYSTEM	COMPONENT	CIRCUIT/ SUB-COMP	DESCRIPTION	FIRE AREA	RACEWAY	RACEWAY DRAWING	CHANGE NO/TYP
44799V	NNI	FI-MU31	2LLMU31B	FT, FI-MU31 INDICATING CIRCUIT	DD	JT5722	E-356-1	1 A
44799W					DD	57093A	E-356-1	1 A
44799X					FF	57093A	E-356-1	1 A
44795P			C5703	FT, FI-MU31 CONTROL ROOM PANEL	FF		E-353	
44795Q			FE-MU31	RC MU FLOW ELEMENT	AB		E-335	
44795R			FI-MU31	RC MU FLOW INDICATOR	FF		E-353	
44795S			FT-MU31	RC MU FLOW TRANSMITTER	AB		E-335	
44796A		FI-MU34	2LLMU34A	FT, FI-MU34 INDICATING CIRCUIT	AB	27134B	E-335	1 A
44796B					AB	JB2709	E-335	1 A
44796C					AB	27134A	E-335	1 A
44796D					A	27134A	E-335	1 A
44796E					A	JT2729	E-335	1 A
44796F					A	27190A	E-335	1 A
44796G					A	27190A	E-335	1 A
44796H					A	27190A	E-349-2	1 A
44796I					A	27190B	E-349-2	1 A
44796J					A	37162A	E-349-2	1 A
44796K					U	37162A	E-349-3	1 A
44796L					CC	37162A	E-347	1 A
44796M					DD	37162A	E-356-1	1 A
44796N					FF	C5755B	E-356-1	1 A
44796P					FF	C5755A	E-356-1	1 A
44796R					FF	5755G7	E-353	1 A
44796U					DD	5755G7	E-356-1	1 A
44798P					FF	C5755G	E-356-1	
44796S			2LLMU34B	FT, FI-MU34 INDICATING CIRCUIT	FF	2LP55G	E-356-1	1 A
44796T					DD	2LP55G	E-356-1	1 A
44796V					DD	JT5722	E-356-1	1 A
44796W					DD	57093A	E-356-1	1 A
44796X					FF	57093A	E-356-1	1 A
44798L					FF	C5755G	E-356-1	
44798M					FF	5755G9	E-356-1	
44798N					DD	5755G9	E-356-1	
44798O					FF	C5755H	E-356-1	
44798F			C5703	FT, FI-MU34 CONTROL ROOM PANEL	FF		E-353	
44798G			FE-MU31	RC MU FLOW ELEMENT	AB		E-335	
44798H			FI-MU34	RC MU FLOW INDICATOR	FF		E-353	
44798I			FT-MU34	RC MU FLOW TRANSMITTER	AB		E-335	
45740		FI6425	1LL6425A	FT, FI6425 INDICATING CIRCUIT	AB	17816A	E-332	
45741					AB	JB1767	E-332	
45742					AB	17815B	E-332, 412	
45743					AB	17815B	E-336	
45744					AB	17815B	E-350	
45745					DG	17815B	E-348	
45746					DG	JB4853	E-348	
45747					DG	48558B*	E-348	
45747A					V	48558B*	E-348	
45748					V	JB4854	E-348	
45749					V	17815C	E-353	
45750					FF	17815C	E-348	
45751			1LL6425B	FT, FI6425 INDICATING CIRCUIT	FF	5763A8	E-353	
45752					DD	5763A8	E-356	
45753					V	5763A8	E-356	
45754					DD	JB5784	E-356	
45755					DD	57958A	E-356	
45757			C5702	FT, FI6425 CONTROL ROOM PANEL (CH A)	FF		E-353	
45758			C5705	FT, FI6425 CONTROL ROOM PANEL (CH A)	FF		E-353	
45756			C5763A	FT, FI6425 CONTROL ROOM PANEL (CH A)	FF		E-353	
45760			FI6425	RC MU FLOW INDICATOR (CH A)	FF		E-353	
45759			FT6425	RC MU FLOW TRANSMITTER (CH A)	AB		E-332	
45761			JT5721	FT, FI6425 JUNCTION BOX (CH A)	DD		E-356	
45762			JY6425	FT, FI6425 POWER SUPPLY (CH A)	FF		E-353	
45763			Y1	ESSEN 120V AC INST DIST PNL Y1 (CH 1)	Y		E-346	
45770		FI6435	1LL6435A	FT, FI6435 INDICATING CIRCUIT	AB	17815A	E-332	
45771					AB	JB1767	E-332	
45772					AB	17815B	E-332, 412	
45773					AB	17815B	E-336	
45774					AB	17815B	E-350	
45775					DG	17815B	E-348	
45776					DG	JB4853	E-348	
45777					DG	48558B*	E-348	
45777A					V	48558B*	E-348	
45778					V	JB4854	E-348	
45779					V	17815C	E-353	
45780					FF	17815C	E-348	
45781			1LL6435B	FT, FI6435 INDICATING CIRCUIT	FF	5763A8	E-353	

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APPENDIX B-1

CIRCUIT/SUB-COMPONENT LOCATION SUMMARY BY SYSTEM

ID No.	SYSTEM	COMPONENT	CIRCUIT/ SUB-COMP	DESCRIPTION	FIRE AREA	RACEWAY	RACEWAY DRAWING	CHANGE NO/TYP
45782	NNI	FI6435	1LL6435B	FT, FI6435 INDICATING CIRCUIT	V	5763A8	E-356	
45783					DD	5763A8	E-356	
45784					DD	JB5784	E-356	
45785					DD	57958A	E-356	
45787			C5702	FT, FI6435 CONTROL ROOM PANEL (CH B)	FF		E-353	
45788			C5703	FT, FI6435 CONTROL ROOM PANEL (CH B)	FF		E-353	
45786			C5763A	FT, FI6435 CONTROL ROOM PANEL (CH B)	FF		E-353	
45791			FI6435	RCMU FLOW INDICATOR (CH B)	FF		E-353	
45790			FT6435	RCMU FLOW TRANSMITTER (CH B)	AB		E-332	
45789			JT5721	FT, FI6435 JUNCTION BOX (CH B)	DD		E-356	
45792			JY6435	FT, FI6435 POWER SUPPLY (CH B)	FF		E-353	
45800		FYI-HP03A	2LHP03AA	FYIHP03A FLOW INDICATION CIRCUIT	A	36207F	E-335	
45801					A	36207E	E-335	
45802					A	36207C	E-335	
45803					A	JB2703	E-335	
45804					DUCT	36207B*	E-337, 342	
45805					R	36207A	E-338	
45805A			2LHP03AB	FYIHP03A FLOW INDICATION CIRCUIT	FF	2CP16C	E-356-1,8	
45806					DD	2CP16C	E-356-1, 356-8	
45807					DD	36270A	E-356-1, 356-8	
45808					A	36270A	E-349-2, 356-1	
45809					A	36270A	E-349-2	
45810					P	36270A	E-338	
45811					R	36270A	E-338	
45812			C3629	FYIHP03A CONTROL CABINET (CH. 2)	R		E-338	
45813			C5716	FYIHP03A CONTROL ROOM PANEL (CH. 2)	FF		E-353	
45814			FYIHP03A	HPI FLOW INDICATOR	FF		E-353	
45815			LFTHP03A	FYIHP03A FLOW TRANSMITTER (CH. 2)	A		E-335	
45902		FYI-HP03A1	2LHP03AA	FYIHP03A1 FLOW INDICATION CIRCUIT	A	36207F	E-335	
45903					A	36207E	E-335	
45904					A	36207C	E-335	
45905					A	JB2703	E-335	
45906					DUCT	36207B*	E-337, 342	
45907					R	36207A	E-338	
45900			2LHP03AC	FYIHP03A1 FLOW INDICATION CIRCUIT	R	36337A	E-338	
45901					R	36337B	E-338	
45908			C3629	FYIHP03A1 CONTROL CABINET (CH. 2)	R		E-338	
45909			C3630	FYIHP03A1 AUX. S/D PANEL (CH. 2)	R		E-338	
45910			FYIHP03A1	HPI FLOW INDICATOR (ASP) (CH. 2)	R		E-338	
45911			LFTHP03A	FYIHP03A1 FLOW TRANSMITTER (CH. 2)	A		E-335	
46000		FYI-HP03B	2LHP03BA	FYIHP03B FLOW INDICATION CIRCUIT	R	36207A	E-338	
46001					DUCT	36207B*	E-337, 342	
46002					A	JB2703	E-335	
46003					A	36207C	E-335	
46004					A	36207E	E-335	
46005					A	36207G	E-335	
46006			2LHP03BB	FYIHP03B FLOW INDICATION CIRCUIT	FF	2CP16C	E-356-8	
46007					DD	2CP16C	E-356-1, 356-8	
46008					DD	36270A	E-356-1, 356-8	
46009					A	36270A	E-349-2, 356-1	
46010					A	36270A	E-349-2	
46011					P	36270A	E-338	
46012					R	36270A	E-338	
46013			C3629	FYIHP03B CONTROL CABINET (CH. 2)	R		E-338	
46014			C5716	FYIHP03B CONTROL ROOM PANEL (CH. 2)	FF		E-353	
46015			FYIHP03B	HPI FLOW INDICATOR (CH. 2)	FF		E-353	
46016			LFTHP03B	FYIHP03B FLOW TRANSMITTER (CH. 2)	A		E-335	
46102		FYI-HP03B1	2LHP03BA	FYIHP03B1 FLOW INDICATION CIRCUIT	R	36207A	E-338	
46103					DUCT	36207B*	E-337, 342	
46104					A	JB2703	E-335	
46105					A	36207C	E-335	
46106					A	36207E	E-335	
46107					A	36207G	E-335	
46100			2LHP03BC	FYIHP03B1 FLOW INDICATION CIRCUIT	R	36337A	E-338	
46101					R	36337B	E-338	
46108			C3629	FYIHP03B1 CONTROL CABINET (CH. 2)	R		E-338	
46109			C3630	FYIHP03B1 AUX. S/D PANEL (CH. 2)	R		E-338	
46110			FYIHP03B1	HPI FLOW INDICATOR (ASP) (CH. 2)	R		E-338	
46111			LFTHP03B	FYIHP03B1 FLOW TRANSMITTER (CH. 2)	A		E-335	
46200		FYI-HP03C	1LHP03CA	FYIHP03C FLOW INDICATION CIRCUIT	A	36273A	E-349-2	
46201					AB	36273D	E-336	
46202					AB	36273C	E-336	
46203					AB	36273C	E-335	
46205					G	36273C	E-335	

RACEWAY LEGEND (A) = 3-HR FIRE WRAP (B) = 1-HR FIRE WRAP (C) = RADIANT ENERGY SHIELD * = EMBEDDED CONDUIT

APPENDIX B-1

CIRCUIT/SUB-COMPONENT LOCATION SUMMARY BY SYSTEM

ID No.	SYSTEM	COMPONENT	CIRCUIT/ SUB-COMP	DESCRIPTION	FIRE AREA	RACEWAY	RACEWAY DRAWING	CHANGE NO/TYP
46206	NNI	FYI-HP03C	1LHP03CA	FYIHP03C FLOW INDICATION CIRCUIT	G	36273A	E-335	
46207					U	36273A	E-349-3	
46208					A	36273A	E-349-2	
46209					P	36273A	E-338	
46210					R	36273A	E-338	
46211			1LHP03CB	FYIHP03C FLOW INDICATION CIRCUIT	FF	1CP16A	E-356-8	
46212					DD	1CP16A	E-356-1, 356-8	
46213					DD	37031A	E-356-1, 356-8	
46214					A	37031A	E-349-2	
46215					A	37031A	E-349-2	
46216					P	37031A	E-338	
46217					R	37031A	E-338	
46218			C3628	FYIHP03C CONTROL CABINET (CH. 1)	R		E-338	
46219			C5716	FYIHP03C CONTROL ROOM PANEL (CH. 1)	FF		E-353	
46220			FYIHP03C	HPI FLOW INDICATOR (CH. 1)	FF		E-353	
46221			LFTHP03C	FYIHP03C FLOW TRANSMITTER (CH. 1)	AB		E-336	
46302		FYI-HP03C1	1LHP03CA	FYIHP03C1 FLOW INDICATION CIRCUIT	A	36273A	E-349-2	
46303					AB	36273D	E-336	
46304					AB	36273C	E-336	
46305					AB	36273C	E-335	
46306					G	36273C	E-335	
46307					G	36273A	E-335	
46308					U	36273A	E-349-3	
46309					A	36273A	E-349-2	
46310					P	36273A	E-338	
46311					R	36273A	E-338	
46300			1LHP03CC	FYIHP03C1 FLOW INDICATION CIRCUIT	R	36336A	E-338	
46301					R	36336B	E-338	
46312			C3628	FYIHP03C1 CONTROL CABINET (CH. 1)	R		E-338	
46313			C3630	FYIHP03C1 AUX S/D PANEL (CH. 1)	R		E-338	
46314			FYIHP03C1	HPI FLOW INDICATOR (ASP) (CH. 1)	R		E-338	
46315			LFTHP03C	FYIHP03C1 FLOW TRANSMITTER (CH. 1)	AB		E-336	
46400		FYI-HP03D	1LHP03DA	FYIHP03D FLOW INDICATION CIRCUIT	A	36273A	E-349-2	
46401					R	36273A	E-338	
46402					P	36273A	E-338	
46403					A	36273A	E-338, 349-2	
46404					U	36273A	E-349-3	
46405					G	36273A	E-335	
46406					AB	36273C	E-335	
46407					G	36273C	E-336	
46408					AB	36273C	E-336	
46409					AB	36273E	E-336	
46410			1LHP03DB	FYIHP03D FLOW INDICATION CIRCUIT	FF	1CP16A	E-356-8	
46411					DD	37031A	E-356-1, 356-8	
46412					DD	1CP16A	E-356-1, 356-8	
46413					A	37031A	E-349-2	
46414					A	37031A	E-349-2	
46415					P	37031A	E-338	
46416					R	37031A	E-338	
46417			C3628	FYIHP03D CONTROL CABINET (CH. 1)	R		E-338	
46418			C5716	FYIHP03D CONTROL ROOM PANEL (CH. 1)	FF		E-353	
46419			FYIHP03D	HPI FLOW INDICATOR (CH. 1)	FF		E-353	
46420			LFTHP03D	FYIHP03D FLOW TRANSMITTER (CH. 1)	AB		E-336	
46502		FYI-HP03D1	1LHP03DA	FYIHP03D1 FLOW INDICATION CIRCUIT	A	36273A	E-349-2	
46503					R	36273A	E-338	
46504					P	36273A	E-338	
46505					A	36273A	E-338, 349-2	
46506					U	36273A	E-349-3	
46507					G	36273A	E-335	
46508					AB	36273C	E-335	
46509					G	36273C	E-336	
46510					AB	36273C	E-336	
46511					AB	36273E	E-336	
46500			1LHP03DC	FYIHP03D1 FLOW INDICATION CIRCUIT	R	36336A	E-338	
46501					R	36336B	E-338	
46512			C3628	FYIHP03D1 CONTROL CABINET (CH 1)	R		E-338	
46513			C3630	FYIHP03D1 AUX S/D PANEL (CH.1)	R		E-338	
46514			FYIHP03D1	HPI FLOW INDICATOR (ASP) (CH. 1)	R		E-338	
46515			LFTHP03D	FYIHP03D1 FLOW TRANSMITTER (CH 1)	AB		E-336	
46600		LI-RC14-1	1LRC143B	LT-RC14-3, LI-RC14-1, 3 IND CIRCUIT	AB	37725A	E-350	
46601					V	37725A	E-349-3, 350	
46602					A	37725A	E-349-2	
46603					A	37725A	E-349-2	
46604					A	JB3720	E-349-2	
46605					A	36582B	E-349-2	

RACEWAY LEGEND (A) = 3-HR FIRE WRAP (B) = 1-HR FIRE WRAP (C) = RADIANT ENERGY SHIELD * = EMBEDDED CONDUIT

APPENDIX B-1

CIRCUIT/SUB-COMPONENT LOCATION SUMMARY BY SYSTEM

ID No.	SYSTEM	COMPONENT	CIRCUIT/ SUB-COMP	DESCRIPTION	FIRE AREA	RACEWAY	RACEWAY DRAWING	CHANGE NO/TYP
46606	NNI	LI-RC14-1	1LRC143B	LT-RC14-3, LI-RC14-1, 3 IND CIRCUIT	P	36582B	E-338	
46607					R	36582B	E-338	
46608			1LRC143Y	LT-RC14-3, LI-RC14-1, 3 IND CIRCUIT	D	39186B	E-369	
46609					D	39186A	E-369	
46610					AB	Exposed	E-378B-3	
46611			C3630	LT-RC14-3, LI-RC14-1, 3 AUX S/D PNL	R		E-338	
46612			LI-RC14-1	PRESSURIZER LEVEL INDICATOR (CH. 1)	R		E-338	
46613			LT-RC14-3	PRESSURIZER LEVEL TRANSMITTER (CH. 1)	D		E-369	
46614			P1L1LI	LT-RC14-3, LI-RC14-1, 3 PENET BOX	D		E-369	
46615			P1L1LX	LT-RC14-3, LI-RC14-1, 3 PENET BOX	AB		E-350	
46700		LI-RC14-2	2LRC141B	LT-RC14-1, LI-RC14-2, 4 IND CIRCUIT	DF	36591B	E-347	
46701					DF	36591A	E-347	
46702					A	36591A	E-349-2	
46703					P	36591A	E-338	
46704					R	36591A	E-338	
46705			2LRC141Y	LT-RC14-1, LI-RC14-2, 4 IND CIRCUIT	D	39274A (C)	E-369	
46706					D	49074A	E-362	
46707					A	Exposed	E-378B-3	
46708			C3630	LT-RC14-1, LI-RC14-2, 4 AUX S/D PNL	R		E-338	
46709			LI-RC14-2	PRESSURIZER LEVEL INDICATOR (CH. 2)	R		E-338	
46710			LT-RC14-1	PRESSURIZER LEVEL TRANSMITTER (CH. 2)	D	(C)	E-369	
46711			P2L4GI	LT-RC14-1, LI-RC14-2, 4 PENET BOX	D		E-366	
46712			P2L4GX	LT-RC14-1, LI-RC14-2, 4 PENET BOX	DF		E-347	
46810		LI-RC14-3	1LRC143B	LT-RC14-3, LI-RC14-1, 3 IND CIRCUIT	AB	37725A	E-350	
46811					V	37725A	E-349-3, 350	
46812					A	37725A	E-349-2	
46813					A	37725A	E-349-2	
46814					A	JB3720	E-349-2	
46815					A	36582B	E-349-2	
46816					P	36582B	E-338	
46817					R	36582B	E-338	
46800			1LRC143C	LT-RC14-3, LI-RC14-3 IND CIRCUIT	FF	5702A1	E-356-8	
46801					DD	JB5702	E-356-1	
46802					DD	37726D	E-356-1	
46802A					DD	37726C	E-356-1	
46803					DD	37726A	E-356-1	
46804					A	37726A	E-347	
46805					A	37726A	E-349-2	
46806					A	JB3720	E-349-2	
46807					A	36582A	E-349-2	
46808					P	36582A	E-338	
46809					R	36582A	E-338	
46818			1LRC143Y	LT-RC14-3, LI-RC14-1, 3 IND CIRCUIT	D	39186B	E-369	
46819					D	39186A	E-369	
46820					AB	Exposed	E-378B-3	
46821			C3630	LT-RC14-3, LI-RC14-1, 3 AUX S/D PNL	R		E-338	
46822			C5705	LT-RC14-3, LI-RC14-3 CTRL RM PNL	FF		E-353	
46823			LI-RC14-1	PRESSURIZER LEVEL INDICATOR (CH. 1)	R		E-338	
46824			LI-RC14-3	PRESSURIZER LEVEL INDICATOR (CH. 1)	FF		E-353	
46825			LT-RC14-3	PRESSURIZER LEVEL TRANSMITTER (CH. 1)	D		E-369	
46826			P1L1LI	LT-RC14-3, LI-RC14-1, 3 PENET BOX	D		E-369	
46827			P1L1LX	LT-RC14-3, LI-RC14-1, 3 PENET BOX	AB		E-350	
46909		LI-RC14-4	2LRC141B	LT-RC14-1, LI-RC14-2, 4 IND CIRCUIT	DF	36591B	E-347	
46910					DF	36591A	E-347	
46911					A	36591A	E-349-2	
46912					P	36591A	E-338	
46913					R	36591A	E-338	
46900			2LRC141C	LT-RC14-1, LI-RC14-4 IND CIRCUIT	FF	36591G	E-353	
46901					DD	36591G	E-356-1	
46902					DD	36591E	E-356-1	
46903					DD	36591C	E-356-1	
46904					DF	36591C	E-347	
46905					DF	36591A	E-347	
46906					A	36591A	E-349-2	
46907					P	36591A	E-338	
46908					R	36591A	E-338	
46914			2LRC141Y	LT-RC14-1, LI-RC14-2, 4 IND CIRCUIT	D	39274A	E-369	
46915					D	49074A	E-362	
46916					A	Exposed	E-378B-3	
46917			C3630	LT-RC14-1, LI-RC14-2, 4 AUX S/D PNL	R		E-338	
46918			C5705	LT-RC14-1, LI-RC14-4 CTRL RM PNL	FF		E-353	
46919			LI-RC14-2	PRESSURIZER LEVEL INDICATOR (CH. 2)	R		E-338	
46920			LI-RC14-4	PRESSURIZER LEVEL INDICATOR (CH. 2)	FF		E-353	
46921			LT-RC14-1	PRESSURIZER LEVEL TRANSMITTER (CH. 2)	D		E-369	
46922			P2L4GI	LT-RC14-1, LI-RC14-2, 4 PENET BOX	D		E-366	
46923			P2L4GX	LT-RC14-1, LI-RC14-2, 4 PENET BOX	DF		E-347	

RACEWAY LEGEND (A) = 3-HR FIRE WRAP (B) = 1-HR FIRE WRAP (C) = RADIANT ENERGY SHIELD * = EMBEDDED CONDUIT

APPENDIX B-1

CIRCUIT/SUB-COMPONENT LOCATION SUMMARY BY SYSTEM

ID No.	SYSTEM	COMPONENT	CIRCUIT/ SUB-COMP	DESCRIPTION	FIRE AREA	RACEWAY	RACEWAY DRAWING	CHANGE NO/TYP
47009	NNI	LI-SP09A1	2LSP09A3B	LT-SP09A3, LI-SP09A3, 1 IND CIRCUIT	DF	36591B	E-347	
47010					DF	36591A	E-347	
47011					A	36591A	E-349-2	
47012					P	36591A	E-338	
47013					R	36591A	E-338	
47001			2LSP09A3C	LT-SP09A3, LI-SP09A1 IND CIRCUIT	DD	36591F	E-356-1	
47002					DD	36591E	E-356-1	
47003					DD	36591C	E-356-1	
47004					DF	36591C	E-347	
47005					DF	36591A	E-347	
47006					A	36591A	E-349-2	
47007					P	36591A	E-338	
47008					R	36591A	E-338	
47014			2LSP09A3Z	LT-SP09A3, LI-SP09A3, 1 IND CIRCUIT	D	29074A	E-369, 373	
47015					D	49074A	E-369, 366	
47016					A	Exposed	E-378B-3	
47017			C3630	LT-SP09A3, LI-SP09A3, 1 AUX S/D PNL	R		E-338	
47018			C5712	LT-SP09A3, LI-SP09A1 CTRL RM PNL	FF		E-353	
47019			LI-SP09A1	SG 1-2 START-UP LEVEL INDICATOR (CH. 2)	FF		E-353	
47020			LI-SP09A3	SG 1-2 START-UP LEVEL INDICATOR (CH. 2)	R		E-338	
47021			LT-SP09A3	SG 1-2 START-UP LEVEL TRANSMITTER	D		E-373	
47022			P2L4GI	LT-SP09A3, LI-SP09A3, 1 PENET BOX	D		E-366	
47000			P2L4GX	LT-SP09A3, LI-SP09A3, 1 PENET BOX	DF		E-347	
47100		LI-SP09A3	2LSP09A3B	LT-SP09A3, LI-SP09A3, 1 IND CIRCUIT	DF	36591B	E-347	
47101					DF	36591A	E-347	
47102					A	36591A	E-349-2	
47103					P	36591A	E-338	
47104					R	36591A	E-338	
47105			2LSP09A3Z	LT-SP09A3, LI-SP09A3, 1 IND CIRCUIT	D	29074A	E-369, 373	
47106					D	49074A	E-369, 366	
47107					A	Exposed	E-378B-3	
47108			C3630	LT-SP09A3, LI-SP09A3, 1 AUX S/D PNL	R		E-338	
47109			LI-SP09A3	SG 1-2 START-UP LEVEL INDICATOR (CH. 2)	R		E-338	
47110			LT-SP09A3	SG 1-2 START-UP LEVEL TRANSMITTER	D		E-373	
47111			P2L4GI	LT-SP09A3, LI-SP09A3, 1 PENET BOX	D		E-366	
47112			P2L4GX	LT-SP09A3, LI-SP09A3, 1 PENET BOX	DF		E-347	
47200		LI-SP09A8	2LSGLT21A	LT, LI-SP09A8 INDICATING CIRCUIT	DF	47402A	E-347	
47201					FF	2LP92B	E-353	
47202					DD	2LP92A	E-356-1	
47203					FF	2LP92A	E-356-1	
47204					DF	57961A	E-356	
47205					DF	JB4707	E-347	
47206			2LSGLT21C	LT, LI-SP09A8 INDICATING CIRCUIT	A	Exposed	E-378B-3	
47207					D	29134A	E-373	
47208					D	29134B	E-373	
47209			C5792A	LT, LI-SP09A8 CTRL ROOM PANEL	FF		E-353	
47210			LI-SP09A8	SG 1-2 START-UP LEVEL IND	FF		E-353	
47211			LT-SP09A8	SG 1-2 START-UP LEVEL TRANSMITTER	D		E-373	
47212			P2L4GI	LT, LI-SP09A8 PENETRATION BOX	D		E-366	
47213			P2L4GX	LT, LI-SP09A8 PENETRATION BOX	DF		E-347	
47900		LI-SP09A8A	2LSGLT21A	LTSP09A8,LISP09A8A INDICATING CIRCUIT	DF	47402A	E-347	
47901					DF	JB4707	E-347	
47902					DD	57961A	E-356	
47903					FF	2LP92A	E-356-1	
47904					DD	2LP92A	E-356-1	
47905					FF	2LP92B	E-353	
47906			2LSGLT21C	LTSP09A8,LISP09A8A INDICATING CIRCUIT	D	29134B	E-373	
47907					D	29134A	E-373	
47908					A	Exposed	E-378B-1	
47909			2LSGLT21E	LTSP09A8,LISP09A8A INDICATING CIRCUIT	FF	2LP92B	E-353	
47910					DD	2LP92A	E-353	
47911					FF	2LP92A	E-356-1	
47912					DD	57802A	E-356-1	
47913					FF	UNSCHED	E-356	
47915			C5710	LTSP09A8,LISP09A8A CNTRL RM PNL (CH. 2)	FF		E-353	
47914			C5792A	LTSP09A8,LISP09A8A CNTRL RM PNL (CH. 2)	FF		E-353	
47920			JT5722	LTSP09AB,LTSP09ABA TERMINAL BOX (CH. 2)	DD		E-356	
47918			LISP09A8A	SG1-2 STARTUP LEVEL INDICATOR (CH. 2)	FF		E-353	
47919			LTSP09A8	SG1-2 STARTUP LEVEL TRANSMITTER (CH. 2)	D		E-373	
47916			P2L4GI	LTSP09A8,LISP09A8A PENE BOX (CH. 2)	D		E-366	
47917			P2L4GX	LTSP09A8,LISP09A8A PENE BOX (CH. 2)	DF		E-347	
47300		LI-SP09A9	2LSGLT41A	LT, LI-SP09A9 INDICATING CIRCUIT	DF	47551A	E-347	
47301					FF	5739A3	E-353	
47302					DD	5739A3	E-356-1	
47303					DD	5755C2	E-356-1	

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APPENDIX B-1

CIRCUIT/SUB-COMPONENT LOCATION SUMMARY BY SYSTEM

ID No.	SYSTEM	COMPONENT	CIRCUIT/ SUB-COMP	DESCRIPTION	FIRE AREA	RACEWAY	RACEWAY DRAWING	CHANGE NO/TYP
47304	NNI	LI-SP09A9	2LSGLT41A	LT, LI-SP09A9 INDICATING CIRCUIT	DD	2LP55C	E-356-1	
47305					DD	47551B	E-356-1	
47306					DD	47551A	E-356-1	
47307			2LSGLT41C	LT, LI-SP09A9 INDICATING CIRCUIT	A	Exposed	E-378B-3	
47308					D	29135A	E-373	
47309					D	29135B	E-373	
47310			C5792A	LT, LI-SP09A9 CTRL ROOM PANEL	FF		E-353	
47311			LI-SP09A9	SG 1-2 START-UP LEVEL IND	FF		E-353	
47312			LT-SP09A9	SG 1-2 START-UP LEVEL TRANSMITTER	D		E-373	
47313			P2L4GI	LT, LI-SP09A9 PENETRATION BOX	D		E-366	
47314			P2L4GX	LT, LI-SP09A9 PENETRATION BOX	DF		E-347	
47411		LI-SP09B1	1LSP09B3B	LT-SP09B3, LI-SP09B3, 1 IND CIRCUIT	AB	37725A	E-350	
47412					V	37725A	E-349-3, 350	
47413					A	37725A	E-349-2	
47414					A	37725A	E-349-2	
47415					A	JB3720	E-349-2	
47416					A	36582B	E-349-2	
47417					P	36582B	E-338	
47418					R	36582B	E-338	
47400			1LSP09B3C	LT-SP09B3, LI-SP09B1 IND CIRCUIT	FF	5711A1	E-356-8	
47401					DD	JB5712	E-356-1	
47402					DD	37726E	E-356-1	
47403					DD	37726C	E-356-1	
47404					DD	37726A	E-356-1	
47405					A	37726A	E-347, 349-2	
47406					A	37726A	E-349-2	
47407					A	JB3720	E-349-2	
47408					A	36582A	E-349-2	
47409					P	36582A	E-338	
47410					R	36582A	E-338	
47419			1LSP09B3Z	LT-SP09B3, LI-SP09B3, 1 IND CIRCUIT	D	29113A	E-369, 373	
47420					D	39186A	E-369	
47421					AB	Exposed	E-378B-3	
47422			C3630	LT-SP09B3, LI-SP09B3, 1 AUX S/D PNL	R		E-338	
47423			C5712	LT-SP09B3, LI-SP09B1 CTRL RM PNL	FF		E-353	
47424			LI-SP09B1	SG 1-1 START-UP LEVEL INDICATOR (CH. 1)	FF		E-353	
47425			LI-SP09B3	SG 1-1 START-UP LEVEL INDICATOR (CH. 1)	R		E-338	
47426			P1L1LI	LT-SP09B3, LI-SP09B3, 1 PENET BOX	D		E-369	
47427			P1L1LX	LT-SP09B3, LI-SP09B3, 1 PENET BOX	AB		E-350	
47500		LI-SP09B3	1LSP09B3B	LT-SP09B3, LI-SP09B3, 1 IND CIRCUIT	AB	37725A	E-350	
47501					V	37725A	E-349-3, 350	
47502					A	37725A	E-349-2	
47503					A	37725A	E-349-2	
47504					A	JB3720	E-349-2	
47505					A	36582B	E-349-2	
47506					P	36582B	E-338	
47507					R	36582B	E-338	
47508			1LSP09B3Z	LT-SP09B3, LI-SP09B3, 1 IND CIRCUIT	D	29113A	E-369, 373	
47509					D	39186A	E-369	
47510					AB	Exposed	E-378B-3	
47511			C3630	LT-SP09B3, LI-SP09B3, 1 AUX S/D PNL	R		E-338	
47512			LI-SP09B3	SG 1-1 START-UP LEVEL INDICATOR (CH. 1)	R		E-338	
47513			LT-SP09B3	SG 1-1 START-UP LEVEL TRANSMITTER	D		E-373	
47514			P1L1LI	LT-SP09B3, LI-SP09B3, 1 PENET BOX	D		E-369	
47515			P1L1LX	LT-SP09B3, LI-SP09B3, 1 PENET BOX	AB		E-350	
47600		LI-SP09B8	1LSGLT11B	LT, LI-SP09B8 INDICATING CIRCUIT	AB	38601A	E-350	
47601					FF	1LP61A	E-353	
47602					DD	5761A1	E-356-1	
47603					DD	5762C2	E-356-1	
47604					DD	1LP62C	E-356-1	
47605					DD	38601B	E-356-1	
47606					DD	38601A	E-356-1	
47607					CC	38601A	E-347	
47608					U	38601A	E-349-3	
47609					V	38601A	E-350	
47610			1LSGLT11D	LT, LI-SP09B8 INDICATING CIRCUIT	AB	Exposed	E-378B-3	
47611					D	29132A	E-373	
47612					D	29132B	E-373	
47613			C5761A	LT, LI-SP09B8 CTRL ROOM PANEL	FF		E-353	
47614			LI-SP09B8	SG 1-1 START-UP LEVEL IND	FF		E-353	
47615			LT-SP09B8	SG 1-1 START-UP LEVEL TRANSMITTER	D		E-373	
47616			P1L1LI	LT, LI-SP09B8 PENETRATION BOX	D		E-369	
47617			P1L1LX	LT, LI-SP09B8 PENETRATION BOX	AB		E-350	
47700		LI-SP09B8A	1LSGLT11B	LTSP09B8,LISP09B8A INDICATING CIRCUIT	AB	38601A	E-350	
47701					V	38601A	E-350, 349-3	

RACEWAY LEGEND (A) = 3-HR FIRE WRAP (B) = 1-HR FIRE WRAP (C) = RADIANT ENERGY SHIELD * = EMBEDDED CONDUIT

APPENDIX B-1

CIRCUIT/SUB-COMPONENT LOCATION SUMMARY BY SYSTEM

ID No.	SYSTEM	COMPONENT	CIRCUIT/ SUB-COMP	DESCRIPTION	FIRE AREA	RACEWAY	RACEWAY DRAWING	CHANGE NO/TYP
47702	NNI	LI-SP09B8A	1LSGLT11B	LTSP09B8,LISP09B8A INDICATING CIRCUIT	U	38601A	E-350, 349-3	
47703					CC	38601A	E-347	
47704					DD	38601A	E-356	
47705					DD	38601B	E-356	
47706					DD	5762C2	E-356	
47707					FF	5762C2	E-356	
47708					DD	1LP62C	E-356	
47709					DD	5761A1	E-356	
47710					DD	1LP61A	E-356	
47711					FF	1LP61A	E-356	
47712			1LSGLT11D	LTSP09B8,LISP09B8A INDICATING CIRCUIT	D	29132B	E-373	
47713					D	29132A	E-373	
47714					AB	Exposed	E-378B-3	
47715			1LSGLT11E	LTSP09B8,LISP09B8A INDICATING CIRCUIT	FF	1LP61A	E-353	
47716					DD	57803A	E-353	
47717					FF	57803A	E-356	
47718					FF	UNSCHED	E-356	
47720			C5708	LTSP09B8,LISP09B8A CNTRL RM PNL (CH. 1)	FF		E-353	
47719			C5761A	LTSP09A8,LISP09B8A CNTRL RM PNL (CH. 1)	FF		E-353	
47725			JT5721	LTSP09B8,LISP09B8A TERMINAL BOX (CH. 1)	DD		E-356	
47723			LISP09B8A	SG1-1 STARTUP LEVEL INDICATOR (CH. 1)	FF		E-353	
47724			LTSP09B8	SG1-1 STARTUP LEVEL TRANSMITTER (CH. 1)	D		E-373	
47721			P1L1LI	LTSP09B8,LISP09B8A PENE BOX (CH. 1)	D		E-369	
47722			P1L1LX	LTSP09B8,LISP09B8A PENE BOX (CH. 1)	AB		E-350	
47800		LI-SP09B9	1LSGLT31A	LT, LI-SP09B9 INDICATING CIRCUIT	V	38232A	E-350	
47801			1LSGLT31B	LT, LI-SP09B9 INDICATING CIRCUIT	AB	38232A	E-350	
47802					FF	5738A3	E-353	
47803					DD	5738A3	E-356-1	
47804					V	5738A3	E-350	
47805					V	JB3731	E-350	
47806					V	38232A	E-350	
47807			1LSGLT31D	LT, LI-SP09B9 INDICATING CIRCUIT	AB	Exposed	E-378B-3	
47808					D	29133A	E-373	
47809					D	29133B	E-373	
47810			C5761A	LT, LI-SP09B9 CTRL ROOM PANEL	FF		E-353	
47811			LI-SP09B9	SG1-1 STARTUP LEVEL INDICATOR (CH. 1)	FF		E-353	
47812			LT-SP09B9	SG1-1 STARTUP LEVEL TRANSMITTER (CH. 1)	D		E-373	
47813			P1L1LI	LT, LI-SP09B9 PENETRATION BOX (CH. 1)	D		E-369	
47814			P1L1LX	LT, LI-SP09B9 PENETRATION BOX (CH. 1)	AB		E-350	
48000		LRS-RC14	BLNNI111	LRS-RC14 INDICATING CIRCUIT	FF	BLP59B	E-356-10	
48001					DD	BLP59B	E-356-10	
48002					DD	BLPA	E-356-5	
48003					DD	BLP02D	E-356-5	
48004					FF	BLP02D	E-353	
48005			BLNNI153D	LRS-RC14 INDICATING CIRCUIT	A	EXPOSED(A)	E-378B-3	
48006					FF	BLP59B	E-356-10	
48007					DD	BLP59B	E-356-10	
48008					DD	BLPA	E-356-5	
48009					DD	BLKU	E-356-5	
48010					DF	BLKU	E-347	
48011			BLNNI153W	LRS-RC14 INDICATING CIRCUIT	D	39239A	E-369	
48012					D	49198A	E-362	
48013					D	BLBE	E-362	
48014			C5705	LRS-RC14 CONTROL ROOM PANEL	FF		E-353	
48015			C5759B	LRS-RC14 CONTROL ROOM PANEL	FF		E-353	
48016			LRS-RC14	PRZR LEVEL RECORDER	FF		E-353	
48017			LT-RC14-2	LRS-RC14 LEVEL TRANSMITTER	D		E-369	
48018					FF		E-353	
48019			LY-RC14	LRS-RC14 LEVEL CONVERTOR	FF		E-353	
48020			PBL4EI	LRS-RC14 PENETRATION BOX	D		E-362	
48021			PBL4EX	LRS-RC14 PENETRATION BOX	DF		E-346	
48100		PI-6365A	2LP6365AA	PT6365A, PI6365A,A1 INDICATING CIRCUIT	R	36337A	E-338	
48101					R	36337B	E-338	
48102					R	36016A	E-338	
48103					Q	36016A	E-338	
48104					X	36016A	E-346	
48105					DF	36016A	E-347	
48106			2LP6365AB	PT6365A, PI6365A,A1 INDICATING CIRCUIT	D	49166A	E-366	
48107					D	JB3915	E-366	
48108					D	49278A	E-366	
48109					A	Exposed	E-366	
48110			2LP6365AD	PT6365A, PI6365A INDICATING CIRCUIT	R	36337A	E-338	
48111					R	36337B	E-338	
48112					R	36016A	E-338	
48113					Q	36016A	E-338	
48114					X	36016A	E-346	

RACEWAY LEGEND (A) = 3-HR FIRE WRAP (B) = 1-HR FIRE WRAP (C) = RADIANT ENERGY SHIELD * = EMBEDDED CONDUIT

APPENDIX B-1

CIRCUIT/SUB-COMPONENT LOCATION SUMMARY BY SYSTEM

ID No.	SYSTEM	COMPONENT	CIRCUIT/ SUB-COMP	DESCRIPTION	FIRE AREA	RACEWAY	RACEWAY DRAWING	CHANGE NO/TYP
48115	NNI	PI-6365A	2LP6365AD	PT6365A, PI6365A INDICATING CIRCUIT	DF	36016A	E-347	
48116					DF	47554B	E-347	
48117					DF	JB4712	E-347	
48118					DD	47554D	E-356	
48119					DD	2LP55G	E-356	
48120					FF	2LP55G	E-424	
48121			2LP6365AE	PT6365A, PI6365A INDICATING CIRCUIT	DD	5755G6	E-356	
48122					DD	2LP55G	E-356	
48123					FF	2LP55G	E-424	
48124			C3629	PT6365A, PI6365A,A1 CONTROL PANEL	R		E-338	
48125			C5755G	PT6365A, PI6365A CONTROL ROOM PANEL	FF		E-353	
48126			C5798	PT6365A, PI6365A CONTROL ROOM PANEL	FF		E-353	
48127			P2L4GI	PT6365A, PI6365A,A1 PENETRATION BOX	D		E-366	
48128			P2L4GX	PT6365A, PI6365A,A1 PENETRATION BOX	DF		E-347	
48130			PI6365A	RCS LOOP 2 EXTND PRESS INDICATOR (CH. 2)	FF		E-338	
48129			PT6365A	RCS LOOP 2 EXTND PRESS TRANSMITTER(CH.2)	D		E-366	
48200		PI-6365A1	2LP6365AA	PT6365A, PI6365A,A1 INDICATING CIRCUIT	R	36337A	E-338	
48201					R	36337B	E-338	
48202					R	36016A	E-338	
48203					Q	36016A	E-338	
48204					X	36016A	E-346	
48205					DF	36016A	E-347	
48206			2LP6365AB	PT6365A, PI6365A,A1 INDICATING CIRCUIT	D	49166A	E-366	
48207					D	JB3915	E-366	
48208					D	49278A	E-366	
48209					A	Exposed	E-366	
48210			2LP6365AC	PT6365A, PI6365A1 INDICATING CIRCUIT	R	36337A	E-338	
48211					R	36337B	E-338	
48212			C3629	PT6365A, PI6365A,A1 CONTROL PANEL	R		E-338	
48213			C3630	PT6365A, PI6365A1 AUX S/D PANEL	R		E-338	
48214			P2L4GI	PT6365A, PI6365A,A1 PENETRATION BOX	D		E-366	
48215			P2L4GX	PT6365A, PI6365A,A1 PENETRATION BOX	DF		E-347	
48216			PI6365A1	RCS LOOP 2 EXTD PRESS INDICATOR (CH. 2)	R		E-338	
48217			PT6365A	RCS LOOP 2 EXTD PRESS TRANSMITTER (CH.2)	D		E-366	
48300		PI-6365B	1LP6365BA	PT6365B, PI6365B,B1 INDICATING CIRCUIT	R	36336A	E-338	
48301					R	36336B	E-338	
48302					R	C3630	E-338	
48303					R	36582A	E-338, 349	
48304					P	36582A	E-338, 349	
48305					A	36582A	E-338, 349	
48306					A	JB3720	E-349	
48307					A	37560A	E-349	
48308					V	37560A	E-350	
48309					V	JB3817	E-350	
48310					V	37560B	E-350	
48311					V	37560C	E-350	
48312					AB	37560C	E-350	
48313			1LP6365BB	PT6365B, PI6365B,B1 INDICATING CIRCUIT	D	39102A	E-366, 362	
48314					D	JB4906	E-366	
48315					D	49279A	E-366	
48316					AB	Exposed	E-366	
48317			1LP6365BD	PT6365B, PI6365B INDICATING CIRCUIT	R	36336A	E-338	
48318					R	36336B	E-338	
48319					R	C3630	E-338	
48320					R	36582A	E-338, 349	
48321					P	36582A	E-338, 349	
48322					A	36582A	E-338, 349	
48323					A	JB3720	E-349	
48324					A	37560A	E-349	
48325					V	37560A	E-350	
48326					V	JB3817	E-350	
48327					V	37560B	E-350	
48328					V	37560C	E-350	
48329					AB	37560C	E-350	
48330					AB	P1L1LX	E-350	
48331					AB	NIPPLE	E-350	
48332					AB	JB3814	E-350	
48333					AB	38080B	E-350	
48334					AB	JB3816	E-350	
48335					AB	308080E	E-350	
48336					V	308080E	E-348	
48337					V	JB4850	E-348	
48338					V	48408B	E-348	
48339					DD	48408B	E-348	
48340					FF	48408B	E-356	
48341					FF	1LP63A	E-353	
48342			1LP6365BE	PT6365B, PI6365B INDICATING CIRCUIT	DD	5763A6	E-356	

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APPENDIX B-1

CIRCUIT/SUB-COMPONENT LOCATION SUMMARY BY SYSTEM

ID No.	SYSTEM	COMPONENT	CIRCUIT/ SUB-COMP	DESCRIPTION	FIRE AREA	RACEWAY	RACEWAY DRAWING	CHANGE NO/TYP
48343	NNI	PI-6365B	1LP6365BE	PT6365B, PI6365B INDICATING CIRCUIT	DD	1LP63A	E-356	
48344					FF	1LP63A	E-353	
48345			C3628	PT6365B, PI6365B,B1 CONTROL PANEL	R		E-338	
48346			C5763A	PT6365B, PI6365B CONTROL ROOM PANEL	FF		E-338	
48347			C5799	PT6365B, PI6365B CONTROL ROOM PANEL	FF		E-353	
48348			P1L1LI	PT6365B, PI6365B,B1 PENETRATION BOX	D		E-369	
48349			P1L1LX	PT6365B, PI6365B,B1 PENETRATION BOX	AB		E-350	
48350			PI6365B	RCS LOOP 1 EXTND PRESS INDICATOR (CH. 1)	FF		E-353	
48351			PT6365B	RCS LOOP 1 EXTND PRESS TRANSMITTER(CH.1)	D		E-366	
48400		PI-6365B1	1LP6365BA	PT6365B, PI6365B,B1 INDICATING CIRCUIT	R	36336A	E-338	
48401					R	36336B	E-338	
48402					R	C3630	E-338	
48403					R	36582A	E-338, 349	
48404					P	36582A	E-338, 349	
48405					A	36582A	E-338, 349	
48406					A	JB3720	E-349	
48407					A	37560A	E-349	
48408					V	37560A	E-350	
48409					V	JB3817	E-350	
48410					V	37560B	E-350	
48411					V	37560C	E-350	
48412					AB	37560C	E-350	
48413			1LP6365BB	PT6365B, PI6365B,B1 INDICATING CIRCUIT	D	39102A	E-366, 362	
48414					D	JB4906	E-366	
48415					D	49279A	E-366	
48416					AB	Exposed	E-366	
48417			1LP6365BC	PT6365B, PI6365B1 INDICATING CIRCUIT	R	36336A	E-338	
48418					R	36336B	E-338	
48419			C3628	PT6365B, PI6365B,B1 CONTROL PANEL	R		E-338	
48420			C3630	PT6365B, PI6365B1 AUX S/D PANEL	R		E-338	
48421			P1L1LI	PT6365B, PI6365B,B1 PENETRATION BOX	D		E-369	
48422			P1L1LX	PT6365B, PI6365B,B1 PENETRATION BOX	AB		E-350	
48423			PI6365B1	RCS LOOP 1 EXTND PRESS INDICATOR (CH. 1)	R		E-353	
48424			PT6365B	RCS LOOP 1 EXTND PRESS TRANSMITTER(CH.1)	D		E-366	
48500		PI-RC2A3	4LSFPT41A	PT, PI-RC2A3 INDICATING CIRCUIT	A	37507A	E-349-2	
48501					DF	37507A	E-347	
48502					A	37507A	E-347, 356-1	
48503					DD	37507A	E-356-1	
48504					FF	5756D2	E-356-1	
48505					FF	4LP56D	E-356-1	
48506			4LSFPT41B	PT, PI-RC2A3 INDICATING CIRCUIT	D	49359B	E-366	
48507					D	JB4910	E-366	
48508					D	49359D	E-366	
48509					A	Exposed	E-378B-3	
48510			BLSF1653A	PT, PI-RC2A3 INDICATING CIRCUIT	FF	BLP56D	E-356-10	
48511					DD	BLP56D	E-356-10	
48512					DD	BLPA	E-356-5	
48513					DD	BLP16B	E-356-8	
48514					FF	BLP16B	E-356-8	
48515			C5756D	PT, PI-RC2A3 CONTROL ROOM PANEL	FF		E-353	
48516			P4L1GI	PT, PI-RC2A3 TERMINAL BOX (CH. 4)	D		E-366	
48517			P4L1GX	PT, PI-RC2A3 TERMINAL BOX (CH. 4)	A		E-349-2	
48518			PI-RC2A3	RCS LOOP 2 PRESSURE INDICATOR (CH. 4)	FF		E-353	
48519			PT-RC2A3	RCS LOOP 2 PRESSURE TRANSMITTER (CH. 4)	D		E-366	
48600		PI-RC2A4	2LSF1652A	PT-RC2A4, PI-RC2A4 INDICATING CIRCUIT	FF	57100C	E-353	
48601					FF	2LP55C	E-353	
48602					DD	57100C	E-356-1	
48603					DD	57100A	E-356-1	
48604					FF	57100A	E-353	
48605			2LSFPT21A	PT-RC2A4, PI-RC2A4 INDICATING CIRCUIT	DF	47551A	E-347	
48606					DD	47551A	E-356-1	
48607					DD	47551B	E-356-1	
48608					FF	5755C2	E-356-1	
48609					FF	2LP55C	E-356-1	
48610			2LSFPT21B	PT-RC2A4, PI-RC2A4 INDICATING CIRCUIT	D	49168A	E-366	
48611					D	JB3915	E-366	
48612					D	49166A	E-366	
48613					A	Exposed	E-378B-3	
48614			C5755C	PT-RC2A4, PI-RC2A4 CTRL RM PANEL	FF		E-353	
48615			P2L4GI	PT-RC2A4, PI-RC2A4 PENET BOX	D		E-366	
48616			P2L4GX	PT-RC2A4, PI-RC2A4 PENET BOX	DF		E-347	
48617			PI-RC2A4	RCS LOOP 2 PRESSURE INDICATOR (CH. 2)	FF		E-353	
48618			PT-RC2A4	RCS LOOP 2 PRESSURE TRANSMITTER (CH. 2)	D		E-366	
48700		PI-RC2B3	3LSFPT31A	PT, PI-RC2B3 INDICATING CIRCUIT	DG	48108A	E-348	
48701					V	48108A	E-348, 347	

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APPENDIX B-1

CIRCUIT/SUB-COMPONENT LOCATION SUMMARY BY SYSTEM

ID No.	SYSTEM	COMPONENT	CIRCUIT/ SUB-COMP	DESCRIPTION	FIRE AREA	RACEWAY	RACEWAY DRAWING	CHANGE NO/TYP
48702	NNI	PI-RC2B3	3LSFPT31A	PT, PI-RC2B3 INDICATING CIRCUIT	DD	48108A	E-356-1	
48703					FF	5763D2	E-356-1	
48704			3LSFPT31B	PT, PI-RC2B3 INDICATING CIRCUIT	D	49077B	E-366	
48705					D	49077A	E-366	
48706					D	JB4905	E-366	
48707					D	49087A	E-366	
48708					AB	Exposed	E-378B-3	
48709			ALSF1603A	PT, PI-RC2B3 INDICATING CIRCUIT	FF	ALP63D	E-423	
48710					DD	ALP63D	E-423	
48711					DD	ALPB	E-356-3	
48712					DD	ALP16B	E-356-8	
48713					FF	ALP16B	E-356-8	
48714			C5762C	PT, PI-RC2B3 CONTROL ROOM PANEL	FF		E-353	
48715			C5763D	PT, PI-RC2B3 CTRL ROOM PANEL	FF		E-353	
48716			P3L4SI	PT, PI-RC2B3 PENETRATION BOX	D		E-366	
48717			P3L4SX	PT, PI-RC2B3 PENETRATION BOX	DG		E-348	
48718			PI-RC2B3	RCS LOOP 1 PRESSURE INDICATOR (CH. 3)	FF		E-353	
48719			PT-RC2B3	RCS LOOP 1 PRESSURE TRANSMITTER (CH. 3)	D		E-366	
48800		PI-RC2B4	1LSF1602A	PT-RC2B4, PI-RC2B4 INDICATING CIRCUIT	FF	57101A	E-353	
48801					FF	1LP62C	E-353	
48802					DD	57101A	E-356-1	
48803					DD	1LP62C	E-356-1	
48804			1LSFPT11A	PT-RC2B4, PI-RC2B4 INDICATING CIRCUIT	AB	38601A	E-350	
48805					V	38601A	E-349-3, 350	
48806					U	38601A	E-349-3	
48807					CC	38601A	E-347	
48808					DD	38601A	E-356-1	
48809					DD	38601B	E-356-1	
48810					FF	5762C2	E-356-1	
48811					FF	1LP62C	E-356-1	
48812			1LSFPT11B	PT-RC2B4, PI-RC2B4 INDICATING CIRCUIT	D	49171C	E-366	
48813					D	49171B	E-366	
48814					D	JB4906	E-366	
48815					D	39102A	E-366, 362	
48816					AB	Exposed	E-378B-3	
48817			C5762C	PT-RC2B4, PI-RC2B4 CTRL RM PANEL	FF		E-353	
48818			P1L1LI	PT-RC2B4, PI-RC2B4 PENET BOX	D		E-369	
48819			P1L1LX	PT-RC2B4, PI-RC2B4 PENET BOX	AB		E-350	
48820			PI-RC2B4	RCS LOOP 1 PRESSURE INDICATOR (CH. 1)	FF		E-353	
48821			PT-RC2B4	RCS LOOP 1 PRESSURE TRANSMITTER (CH. 1)	D		E-366	
48909		PI-SP12A	2LSP12A2A	PT-SP12A2, PI-SP12A, A1 IND CIRCUIT	DF	36591B	E-347	
48910					DF	36591A	E-347	
48911					A	36591A	E-349-2	
48912					P	36591A	E-338	
48913					R	36591A	E-338	
48900			2LSP12A2B	PT-SP12A2, PI-SP12A IND CIRCUIT	FF	36591F	E-353	
48901					DD	36591F	E-356-1	
48902					DD	36591E	E-356-1	
48903					DD	36591C	E-356-1	
48904					DF	36591C	E-347	
48905					DF	36591A	E-347	
48906					A	36591A	E-349-2	
48907					P	36591A	E-338	
48908					R	36591A	E-338	
48914			2LSP12A2Z	PT-SP12A2, PI-SP12A, A1 IND CIRCUIT	D	49167A	E-366, 369	
48915					D	JB3915	E-366	
48916					D	49166A	E-366, 362	
48917					A	Exposed	E-378B-3	
48918			C3630	PT-SP12A2, PI-SP12A, A1 AUX S/D PNL	R		E-338	
48919			C5710	PT-SP12A2, PI-SP12A CONTROL ROOM PANEL	FF		E-353	
48920			P2L4GI	PT-SP12A2, PI-SP12A, A1 PENET BOX	D		E-366	
48921			P2L4GX	PT-SP12A2, PI-SP12A, A1 PENET BOX	DF		E-347	
48922			PI-SP12A	SG 1-2 OUTLET PRESSURE INDICATOR (CH. 2)	FF		E-353	
48923			PI-SP12A1	SG 1-2 OUTLET PRESSURE INDICATOR (CH. 2)	R		E-338	
48924			PT-SP12A2	SG 1-2 OUTLET PRESS TRANSMITTER (CH. 2)	D		E-369	
49000		PI-SP12A1	2LSP12A2A	PT-SP12A2, PI-SP12A, A1 IND CIRCUIT	DF	36591B	E-347	
49001					DF	36591A	E-347	
49002					A	36591A	E-349-2	
49003					P	36591A	E-338	
49004					R	36591A	E-338	
49005			2LSP12A2Z	PT-SP12A2, PI-SP12A, A1 IND CIRCUIT	D	49167A	E-366, 369	
49006					D	JB3915	E-366	
49007					D	49166A	E-366, 362	
49008					A	Exposed	E-378B-3	
49009			C3630	PT-SP12A2, PI-SP12A, A1 AUX S/D PNL	R		E-338	
49010			P2L4GI	PT-SP12A2, PI-SP12A, A1 PENET BOX	D		E-366	

RACEWAY LEGEND (A) = 3-HR FIRE WRAP (B) = 1-HR FIRE WRAP (C) = RADIANT ENERGY SHIELD * = EMBEDDED CONDUIT

APPENDIX B-1

CIRCUIT/SUB-COMPONENT LOCATION SUMMARY BY SYSTEM

ID No.	SYSTEM	COMPONENT	CIRCUIT/ SUB-COMP	DESCRIPTION	FIRE AREA	RACEWAY	RACEWAY DRAWING	CHANGE NO/TYP
49011	NNI	PI-SP12A1	P2L4GX	PT-SP12A2, PI-SP12A, A1 PENET BOX	DF		E-347	
49012			PI-SP12A1	SG 1-2 OUTLET PRESSURE INDICATOR (CH. 2)	R		E-338	
49013			PT-SP12A2	SG 1-2 OUTLET PRESS TRANSMITTER (CH. 2)	D		E-369	
49103		PI-SP12A1-A	ALNNI852G	PTSP12A1,PISP12A1A INDICATING CIRCUIT	A	ALGU	E-338, 349	
49104					U	ALGU	E-349	
49105					DD	ALDC	E-356, 349	
49106					U	ALDC	E-349, 356	
49106A					CC	ALDC	E-347	
49107					DD	ALPB	E-356	
49108					DD	ALP60D	E-356, 353	
49109					FF	ALP60D	E-353, 356	
49100			ALNNI852T	PTSP12A1,PISP12A1A INDICATING CIRCUIT	D	49050A	E-369	
49101					D	ALBD	E-373	
49102					A	Exposed	E-378B-3	
49110			ALSP12A1A	PTSP12A1,PISP12A1A INDICATING CIRCUIT	FF	ALP60D	E-356	
49111					DD	ALP60D	E-356	
49112					DD	ALPB	E-356-10	
49113					DD	57804A	E-356-10	
49117			C5712	PTSP12A1,PISP12A1A CNTRL RM PNL (CH. A)	FF		E-353	
49116			C5760D	PTSP12A1,PISP12A1A CNTRL RM PNL (CH. A)	FF		E-353	
49118			JT5721	PTSP12A1,PISP12A1A TERMINAL BOX (CH. A)	DD		E-356	
49114			PAL3DI	PTSP12A1,PISP12A1A PENE BOX (CH. A)	D		E-369	
49115			PAL3DX	PTSP12A1,PISP12A1A PENE BOX (CH. A)	A		E-349-2	
49119			PISP12A1A	SG1-2 OUTLET PRESSURE INDICATOR (CH. A)	FF		E-353	
49120			PT-SP12A1	SG1-2 OUTLET PRESSURE TRANSMITTER(CH.A)	D		E-369	
49212		PI-SP12B	1LSP12B1A	PT-SP12B1, PI-SP12B, B1 IND CIRCUIT	AB	37725A	E-350	
49213					V	37725A	E-349-3, 350	
49214					A	37725A	E-349-2	
49215					A	37725A	E-349-2	
49216					A	JB3720	E-349-2	
49217					A	36582B	E-349-2	
49218					P	36582B	E-338	
49219					R	36582B	E-338	
49200			1LSP12B1B	PT-SP12B1, PI-SP12B IND CIRCUIT	FF	5711A1	E-356-8	
49201					DD	5711A1	E-356-8	
49202					DD	JB5712	E-356-1, 356-8	
49203					DD	37726E	E-356-1	
49204					DD	37726C	E-356-1	
49205					DD	37726A	E-356-1	
49206					A	37726A	E-347, 356-1	
49207					A	37726A	E-349-2	
49208					A	JB3720	E-349-2	
49209					A	36582A	E-349-2	
49210					P	36582A	E-338	
49211					R	36582A	E-338	
49220			1LSP12B1Z	PT-SP12B1, PI-SP12B, B1 IND CIRCUIT	D	49170A	E-366, 369	
49221					D	49170C	E-366	
49222					D	JB4906	E-366	
49223					D	39102A	E-366	
49224					AB	Exposed	E-378B-3	
49225			C3630	PT-SP12B1, PI-SP12B, B1 AUX S/D PNL	R		E-338	
49226			C5708	PT-SP12B1, PI-SP12B CONTROL ROOM PANEL	FF		E-353	
49227			P1L1LI	PT-SP12B1, PI-SP12B, B1 PENET BOX	D		E-369	
49228			P1L1LX	PT-SP12B1, PI-SP12B, B1 PENET BOX	AB		E-350	
49229			PI-SP12B	SG 1-1 OUTLET PRESSURE INDICATOR (CH. 1)	FF		E-353	
49230			PI-SP12B1	SG 1-1 OUTLET PRESSURE INDICATOR (CH. 1)	R		E-338	
49231			PT-SP12B1	SG 1-1 OUTLET PRESS TRANSMITTER (CH. 1)	D		E-369	
49300		PI-SP12B1	1LSP12B1A	PT-SP12B1, PI-SP12B, B1 IND CIRCUIT	AB	37725A	E-350	
49301					V	37725A	E-349-3, 350	
49302					A	37725A	E-349-2	
49303					A	37725A	E-349-2	
49304					A	JB3720	E-349-2	
49305					A	36582B	E-349-2	
49306					P	36582B	E-338	
49307					R	36582B	E-338	
49308			1LSP12B1Z	PT-SP12B1, PI-SP12B, B1 IND CIRCUIT	D	49170A	E-366, 369	
49309					D	49170C	E-366	
49310					D	JB4906	E-366	
49311					D	39102A	E-366	
49312					AB	Exposed	E-378B-3	
49313			C3630	PT-SP12B1, PI-SP12B, B1 AUX S/D PNL	R		E-338	
49314			P1L1LI	PT-SP12B1, PI-SP12B, B1 PENET BOX	D		E-369	
49315			P1L1LX	PT-SP12B1, PI-SP12B, B1 PENET BOX	AB		E-350	
49316			PI-SP12B1	SG 1-1 OUTLET PRESSURE INDICATOR (CH.1)	R		E-338	
49317			PT-SP12B1	SG 1-1 OUTLET PRESS TRANSMITTER (CH. 1)	D		E-369	
49404		PI-SP12B2	BLNNIL09B	PTSP12B2, PISP12B2 INDICATING CIRCUIT	AB	BLJC	E-350	

RACEWAY LEGEND (A) = 3-HR FIRE WRAP (B) = 1-HR FIRE WRAP (C) = RADIANT ENERGY SHIELD * = EMBEDDED CONDUIT

APPENDIX B-1

CIRCUIT/SUB-COMPONENT LOCATION SUMMARY BY SYSTEM

ID No.	SYSTEM	COMPONENT	CIRCUIT/ SUB-COMP	DESCRIPTION	FIRE AREA	RACEWAY	RACEWAY DRAWING	CHANGE NO/TYP
49405	NNI	PI-SP12B2	BLNNIL09B	PTSP12B2, PISP12B2 INDICATING CIRCUIT	AB	BLFC	E-350,348	
49406					V	BLFC	E-348,347,356-5	
49407					DD	BLFC	E-356-5,347	
49408					DD	BLPA	E-356-5	
49409					DD	BLP59B	E-356-10	
49410					FF	BLP59B	E-356-10	
49400			BLNNIL09T	PTSP12B2, PISP12B2 INDICATING CIRCUIT	D	39176C	E-369	
49401					D	39176A	E-369	
49402					D	BLBQ	E-373, 369	
49403					AB	Exposed	E-378B-3	
49411			BLSP12B2A	PTSP12B2, PISP12B2 INDICATING CIRCUIT	FF	UNSCHED	E-356-10	
49412					DD	BLP59C	E-356-10	
49413					FF	BLP59C	E-356-10	
49414					DD	BLPA	E-356-5	
49415					DD	57026A	E-356-5	
49420			C5712	PTSP12B2, PISP12B2 CNTRL RM PANEL(CH. B)	FF		E-353	
49416			C5759B	PTSP12B2, PISP12B2 CNTRL RM PANEL(CH. B)	FF		E-353	
49419			C5759C	PTSP12B2, PISP12B2 CNTRL RM PANEL(CH. B)	FF		E-353	
49421			JT5722	PTSP12B2, PISP12B2 TERMINAL BOX (CH. B)	DD		E-356	
49417			PBL3QI	PTSP12B2, PISP12B2 PENE BOX (CH. B)	D		E-369	
49418			PBL3QX	PTSP12B2, PISP12B2 PENE BOX (CH. B)	AB		E-350	
49422			PISP12B2	SG1-1 OUTLET PRESSURE INDICATOR (CH. B)	FF		E-353	
49423			PT-P12B2	SG1-1 OUTLET PRESSURE TRANSMITTER (CH.B)	D		E-369	
49850		TE-RC3A6	2LTRC3A6A	TE-RC3A6 INDICATING CIRCUIT	D	49128A	E-347	
49851					D	JB4922	E-366	
49852					D	49128B	E-366	
49853					A	EXPOSED		
49854			P2L4GI	TE-RC3A6 PENETRATION BOX	D		E-366	
49855			P2L4GX	TE-RC3A6 PENETRATION BOX	DF		E-347	
49856			TE-RC346	RCS LOOP 2 HOT LEG TEMPERATURE ELEMENT	D		E-366	
50050		TE-RC3B5	1LTRC3B5A	TE-RC3B5 INDICATING CIRCUIT	D	39294A	E-366	
50051					D	JB4918	E-366	A
50052					D	39294B	E-369	
50053					AB	EXPOSED	E-378B-3	
50054			P1L1LI	TE-RC3B5 PENETRATION BOX	D		E-362	
50055			P1L1LX	TE-RC3B5 PENETRATION BOX	AB		E-350	
50056			TE-RC3B5	RCS LOOP 1 HOT LEG TEMPERATURE ELEMENT	D		E-366	
50250		TE-RC4A2	BLNNI154Y	TE-RC4A2 INDICATING CIRCUIT	D	29083F	E-373	
50251					D	29083D	E-373	
50252					D	29083B	E-373	
50253					D	29083A	E-369, 373	
50254					D	39227A	E-362	
50255					D	BLBE	E-362	
50256					A	EXPOSED	E-378B-3	
50257			PBL1EI	TE-RC4A2 INDICATING CIRCUIT	D		E-362	
50258			PBL1EX	TE-RC4A2 PENETRATION BOX	A		E-349-2	
50259			TE-RC4A2	RCS LOOP 2 COLD LEG TEMPERATURE ELEMENT	D		E-373	
49514		TE-RC4B3	ALNNI833Y	TE-RC4B3 INDICATING CIRCUIT	D	39159C	E-369	
49515					D	39159A	E-363, 369	
49519			PAL2NI	TE-RC4B3 PENETRATION BOX	D		E-363	
49520			PAL2NX	TE-RC4B3 PENETRATION BOX	AB		E-350	
49521			TE-RC4B3	RCS LOOP 1 COLD LEG TEMP ELEMENT	D		E-366	
49600		TI-RC3A4	2LRPSA07A	TE, TT, TI-RC3A4 INDICATING CIRCUIT	FF	5755E2	E-353	
49601					DD	5755E2	E-356-1	
49602					DD	47551B	E-356-1	
49603					DD	47551A	E-356-1	
49604					DF	47551A	E-347	
49605			2LRPSA07B	TE, TT, TI-RC3A4 INDICATING CIRCUIT	FF	36591J	E-353	
49606					DD	36591J	E-356-1	
49607					DD	36591H	E-356-1	
49608					DD	36591C	E-356-1	
49609					DF	36591C	E-347	
49610					DF	36591A	E-347	
49611					A	36591A	E-349-2	
49612					P	36591A	E-338	
49613					R	36591A	E-338	
49614			2LRPSA07Z	TE, TT, TI-RC3A4 INDICATING CIRCUIT	D	49121A	E-362	
49614A					D	JB4974	E-368	A
49614B			2LRPSA07ZA	TE, TT, TI-RC3A4 INDICATING CIRCUIT	D	JB4974	E-368	A
49614C					D	49121B	E-368	A
49615					A	Exposed	E-378B-3	E
49616			C3630	TE, TT, TI-RC3A4 AUX S/D PNL	R		E-338	
49617			C5755E	TE, TT, TI-RC3A4 CTRL RM PNL	FF		E-353	
49618			C5755F	TE, TT, TI-RC3A4 CONTROL RM PNL	FF		E-353	

RACEWAY LEGEND (A) = 3-HR FIRE WRAP (B) = 1-HR FIRE WRAP (C) = RADIANT ENERGY SHIELD * = EMBEDDED CONDUIT

APPENDIX B-1

CIRCUIT/SUB-COMPONENT LOCATION SUMMARY BY SYSTEM

ID No.	SYSTEM	COMPONENT	CIRCUIT/ SUB-COMP	DESCRIPTION	FIRE AREA	RACEWAY	RACEWAY DRAWING	CHANGE NO/TYP
49619	NNI	TI-RC3A4	P2L4GI	TE, TT, TI-RC3A4 PENTRATION BOX (CH. 2)	D		E-362	
49620			P2L4GX	TE, TT, TI-RC3A4 PENTRATION BOX (CH. 2)	DF		E-347	
49621			TE-RC3A4	RCS LOOP 2 HOT LEG TEMP ELEMENT	D		E-369	
49622			TI-RC3A4	RCS LOOP 2 HOT LEG TEMP INDICATOR	R		E-338	
49623			TT-RC3A4	RCS LOOP 2 HOT LEG TEMP TRANSMITTER	FF		E-353	
49700		TI-RC3A5	1LTRC3A5A	TE, TT, TI-RC3A5 INDICATING CIRCUIT	D	39295A	E-369, 366	
49701					AB	Exposed	E-378B-3	
49702			1LTRC3A5B	TE, TT, TI-RC3A5 INDICATING CIRCUIT	FF	1LP63A	E-353	
49703					DD	48408B	E-356-1	
49704					DD	1LP63A	E-356-1	
49705					V	48408B	E-348	
49706					V	38080E	E-348	
49707					V	JB4850	E-348	
49708					AB	38080E	E-350	
49709					AB	JB3816	E-350	
49710					AB	38080B	E-350	
49711					AB	JB3814	E-350	
49712			1LTRC3A5C	TE, TT, TI-RC3A5 INDICATING CIRCUIT	DD	5763A6	E-356-1	
49713					DD	1LP63A	E-356-1	
49714					FF	1LP63A	E-353	
49715			C5763A	TE, TT, TI-RC3A5 CONTROL RM PNL	FF		E-353	
49716			C5799	TE, TT, TI-RC3A5 CONTROL RM PNL	FF		E-353	
49717			P1L1LI	TE, TT, TI-RC3A5 PENETRATION BOX	D		E-369	
49718			P1L1LX	TE, TT, TI-RC3A5 PENETRATION BOX	AB		E-350	
49719			TE-RC3A5	RCS LOOP 2 HOT LEG TEMP ELEMENT	D		E-366	
49720			TI-RC3A5	RCS LOOP 2 HOT LEG TEMP INDICATOR	FF		E-353	
49721			TT-RC3A5	RCS LOOP 2 HOT LEG TEMP TRANSMITTER	FF		E-353	
49800		TI-RC3A6	2LTRC3A6A	TE, TT, TI-RC3A6 INDICATING CIRCUIT	D	49128A	E-347	
49801					D	JB4922	E-366	
49802					D	49128B	E-366	
49803					A	Exposed	E-378B-3	
49804			2LTRC3A6B	TE, TT, TI-RC3A6 INDICATING CIRCUIT	DF	47032A	E-347	
49805					FF	2LP55G	E-424	
49806					DD	47554E	E-356-1, 424	
49807					DD	2LP55G	E-356-1, 424	
49808					DF	JB4712	E-347	
49809					DF	47554B	E-347	
49810			2LTRC3A6C	TE, TT, TI-RC3A6 INDICATING CIRCUIT	DD	5755G6	E-356-1, 424	
49811					DD	2LP55G	E-356-1, 424	
49812					FF	2LP55G	E-424	
49813			2LTRC3A6D	TE, TT, TI-RC3A6 INDICATING CIRCUIT	DF	47032A	E-347	
49821			C3712	TE-RC3A6 CONTROL PANEL	DF		E-347	
49814			C5755G	TE, TT, TI-RC3A6 CONTROL RM PNL	FF		E-353	
49815			C5798	TE, TT, TI-RC3A6 CONTROL RM PNL	FF		E-353	
49816			P2L4GI	TE, TT, TI-RC3A6 PENETRATION BOX	D		E-366	
49817			P2L4GX	TE, TT, TI-RC3A6 PENETRATION BOX	DF		E-347	
49818			TE-RC3A6	RCS LOOP 2 HOT LEG TEMP ELEMENT	D		E-366	
49819			TI-RC3A6	HOT LOOP 2 HOT LEG TEMP INDICATOR	FF		E-353	
49820			TT-RC3A6	RCS LOOP 2 HOT LEG TEMP TRANSMITTER	FF		E-353	
49900		TI-RC3B2	1LRPSB07A	TE, TT, TI-RC3B2 INDICATING CIRCUIT	FF	5762E2	E-353	
49901					DD	38601A	E-356-1	
49902					CC	38601A	E-347	
49903					U	38601A	E-349-3	
49904					V	38601A	E-349-3	
49905					AB	38601A	E-350	
49906			1LRPSB07B	TE, TT, TI-RC3B2 INDICATING CIRCUIT	FF	37726F	E-353	
49907					DD	37726F	E-356-1	
49908					DD	37726B	E-356-1	
49909					DD	37726A	E-356-1	
49910					A	37726A	E-347, 349-2	
49911					A	37726A	E-349-2	
49912					A	JB3720	E-349-2	
49913					A	36582A	E-349-2	
49914					P	36582A	E-338	
49915					R	36582A	E-338	
49916			1LRPSB07Z	TE, TT, TI-RC3B2 INDICATING CIRCUIT	D	49120A	E-363	
49917					AB	Exposed	E-363, 366	
49918			C3630	TE, TT, TI-RC3B2 AUX S/D PNL	R		E-338	
49919			C5762E	TE, TT, TI-RC3B2 CONTROL RM PNL	FF		E-353	
49920			P1L1LI	TE, TT, TI-RC3B2 PENETRATION BOX	D		E-363	
49921			P1L1LX	TE, TT, TI-RC3B2 PENETRATION BOX	AB		E-350	
49922			TE-RC3B2	RCS LOOP 1 HOT LEG TEMP ELEMENT	D		E-338	
49923			TI-RC3B2	RCS LOOP 1 HOT LEG TEMP INDICATOR	R		E-353	
49924			TT-RC3B2	RCS LOOP 1 HOT LEG TEMP TRANSMITTER	FF		E-366	
50000		TI-RC3B5	1LTRC3B5A	TE, TT, TI-RC3B5 INDICATING CIRCUIT	D	39294A	E-366	

RACEWAY LEGEND (A) = 3-HR FIRE WRAP (B) = 1-HR FIRE WRAP (C) = RADIANT ENERGY SHIELD * = EMBEDDED CONDUIT

APPENDIX B-1

CIRCUIT/SUB-COMPONENT LOCATION SUMMARY BY SYSTEM

ID No.	SYSTEM	COMPONENT	CIRCUIT/ SUB-COMP	DESCRIPTION	FIRE AREA	RACEWAY	RACEWAY DRAWING	CHANGE NO/TYP
50001	NNI	TI-RC3B5	1LTRC3B5A	TE, TT, TI-RC3B5 INDICATING CIRCUIT	D	JB4918	E-366	
50002					D	39294B	E-369	
50003					AB	Exposed	E-378B-3	
50004			1LTRC3B5B	TE, TT, TI-RC3B5 INDICATING CIRCUIT	AB	38143A	E-350	
50005					FF	1LP63A	E-424	
50006					DD	48408B	E-356-1, 424	
50007					DD	1LP63A	E-356-1, 424	
50008					V	48408B	E-348	
50009					V	JB4850	E-348	
50010					AB	38080E	E-350	
50011					AB	JB3816	E-350	
50012					AB	38080B	E-350	
50013					AB	JB3814	E-350	
50014			1LTRC3B5C	TE, TT, TI-RC3B5 INDICATING CIRCUIT	DD	5763A6	E-424	
50015					DD	1LP63A	E-424	
50016					FF	1LP63A	E-424	
50017			1LTRC3B5D	TE, TT, TI-RC3B5 INDICATING CIRCUIT	AB	38143A	E-350	
50025			C3812	TE-RC3B5 CONTROL PANEL	AB		E-350	
50018			C5763A	TE, TT, TI-RC3B5 CONTROL RM PNL	FF		E-353	
50019			C5799	TE, TT, TI-RC3B5 CONTROL RM PNL	FF		E-353	
50020			P1L1LI	TE, TT, TI-RC3B5 PENTRATION BOX	D		E-362	
50021			P1L1LX	TE, TT, TI-RC3B5 PENTRATION BOX	AB		E-350	
50022			TE-RC3B5	RCS LOOP 1 HOT LEG TEMP ELEMENT	D		E-366	
50023			TI-RC3B5	RCS LOOP 1 HOT LEG TEMP INDICATOR	FF		E-353	
50024			TT-RC3B5	HOT LOOP 1 HOT LEG TEMP TRANSMITTER	FF		E-353	
50100B		TI-RC3B6	2LTRC3B6A	TE, TT, TI-RC3B6 INDICATING CIRCUIT	D	JB4977	E-366	
50100C					D	49127A	E-366, 369	
50101					A	Exposed	E-378B-3	
50100			2LTRC3B6AA	TE, TT, TI-RC3B6 INDICATING CIRCUIT	D	49127B	E-366	
50100A					D	JB4977	E-366	
50102			2LTRC3B6B	TE, TT, TI-RC3B6 INDICATING CIRCUIT	FF	2LP55G	E-424	
50103					DD	47554E	E-356-1, 424	
50104					DD	2LP55G	E-356-1, 424	
50105					DF	JB4712	E-347	
50106					DF	47554B	E-347	
50107			2LTRC3B6C	TE, TT, TI-RC3B6 INDICATING CIRCUIT	DD	5755G6	E-356-1, 424	
50108					DD	2LP55G	E-356-1, 424	
50109					FF	2LP55G	E-424	
50110			C5755G	TE, TT, TI-RC3B6 CONTROL RM PNL	FF		E-353	
50111			C5798	TE, TT, TI-RC3B6 CONTROL RM PNL	FF		E-353	
50112			P2L4GI	TE, TT, TI-RC3B6 PENETRATION BOX	D		E-366	
50113			P2L4GX	TE, TT, TI-RC3B6 PENETRATION BOX	DF		E-347	
50114			TE-RC3B6	RCS LOOP 1 HOT LEG TEMP ELEMENT	D		E-366	
50115			TI-RC3B6	RCS LOOP 1 HOT LEG TEMP INDICATOR	FF		E-353	
50116			TT-RC3B6	RCS LOOP 1 HOT LEG TEMP TRANSMITTER	FF		E-353	
50200		TI-RC4A2	BLNNI154B	TE, TT, TI-RC4A2 INDICATING CIRCUIT	FF	BLP59B	E-356-10	
50201					DD	BLPA	E-356-5	
50202					DD	BLJK	E-356-5	
50203					A	BLJK	E-356-5	
50204					A	BLDC	E-349-2	
50205					A	36306A	E-349-2	
50206					A	BLGF	E-349-2	
50207			BLNNI154F	TE, TT, TI-RC4A2 INDICATING CIRCUIT	A	36306A	E-349-2	
50208			BLNNI154Y	TE, TT, TI-RC4A2 INDICATING CIRCUIT	D	29083F	E-373	
50209					D	29083D	E-373	
50210					D	29083B	E-373	
50211					D	29083A	E-369, 373	
50212					D	39227A	E-362	
50213					D	BLBE	E-362	
50214					A	Exposed	E-378B-3	
50215			C3712	TE-RC4A2 CONTROL PANEL	A		E-349-2	
50216			C5759B	TE, TT, TI-RC4A2 CONTROL RM PNL	FF		E-353	
50217			PBL1EI	TE, TT, TI-RC4A2 PENETRATION BOX	D		E-362	
50218			PBL1EX	TE, TT, TI-RC4A2 PENETRATION BOX	A		E-349-2	
50219			TE-RC4A2	RCS LOOP 2 COLD LEG TEMP ELEMENT	D		E-373	
50220			TI-RC4A2	RCS LOOP 2 COLD LEG TEMP INDICATOR	FF		E-353	
50221			TT-RC4A2	RCS LOOP 2 COLD LEG TEMP TRANSMITTER	FF		E-353	
50300		TI-RC4A4	ALNNI833A	TE, TT, TI-RC4A4 INDICATING CIRCUIT	FF	ALP60D	E-356-10	
50301					DD	ALPB	E-356-3	
50302					DD	ALDC	E-356-3	
50303					CC	ALDC	E-347	
50304					U	ALDC	E-349-3	
50305					U	ALGU	E-349-3	
50306					A	ALGU	E-349-2	
50307			ALNNI833Z	TE, TT, TI-RC4A4 INDICATING CIRCUIT	D	29026G	E-373	
50308					D	29026E	E-373	

RACEWAY LEGEND (A) = 3-HR FIRE WRAP (B) = 1-HR FIRE WRAP (C) = RADIANT ENERGY SHIELD * = EMBEDDED CONDUIT

APPENDIX B-1

CIRCUIT/SUB-COMPONENT LOCATION SUMMARY BY SYSTEM

ID No.	SYSTEM	COMPONENT	CIRCUIT/ SUB-COMP	DESCRIPTION	FIRE AREA	RACEWAY	RACEWAY DRAWING	CHANGE NO/TYP
50309	NNI	TI-RC4A4	ALNNI833Z	TE, TT, TI-RC4A4 INDICATING CIRCUIT	D	29026C	E-373	
50310					D	29026B*	E-364	
50311					D	29026A	E-362	
50312					A	Exposed	E-378B-3	
50313			C5760D	TE, TT, TI-RC4A4 CONTROL RM PNL	FF		E-353	
50314			PAL3DI	TE, TT, TI-RC4A4 PENETRATION BOX	D		E-362	
50315			PAL3DX	TE, TT, TI-RC4A4 PENETRATION BOX	A		E-349-2	
50316			TE-RC4A4	RCS LOOP 2 COLD LEG TEMP ELEMENT	D		E-373	
50317			TI-RC4A4	RCS LOOP 2 COLD LEG TEMP INDICATOR	FF		E-353	
50318			TT-RC4A4	RCS LOOP 2 COLD LEG TEMP TRANSMITTER	FF		E-353	
50400		TI-RC4B2	BLNNI154D	TE, TT, TI-RC4B2 INDICATING CIRCUIT	FF	BLP59B	E-356-1, 5	
50401					DD	BLPA	E-356-1, 5	
50402					DD	BLFC	E-356-1, 5	
50403					V	BLFC	E-348	
50404					DG	BLFC	E-348	
50405					AB	BLFC	E-350	
50406					AB	BLJC	E-350	
50407			BLNNI154W	TE, TT, TI-RC4B2 INDICATING CIRCUIT	D	29111L	E-373	
50408					D	29111J	E-373	
50409					D	29111G	E-373	
50410					D	29111E	E-373	
50411					D	29111A	E-369, 373	
50412					D	BLBQ	E-369, 373	
50413					AB	Exposed	E-378B-3	
50414			C5759D	TE, TT, TI-RC4B2 CONTROL RM PNL	FF		E-353	
50415			PBL3QI	TE, TT, TI-RC4B2 PENETRATION BOX	D		E-369	
50416			PBL3QX	TE, TT, TI-RC4B2 PENETRATION BOX	AB		E-350	
50417			TE-RC4B2	RCS LOOP 1 COLD LEG TEMP ELEMENT	D		E-373	
50418			TI-RC4B2	RCS LOOP 1 COLD LEG TEMP INDICATOR	FF		E-353	
50419			TT-RC4B2	RCS LOOP 1 COLD LEG TEMP TRANSMITTER	FF		E-353	
50500		TI-RC4B4	ALNNI833C	TE, TT, TI-RC4B4 INDICATING CIRCUIT	FF	ALP60D	E-356-1, 3	
50501					DD	ALPB	E-356-1, 3	
50502					DD	ALLA	E-356-1	
50503					V	ALLA	E-348	
50504					DG	ALLA	E-348	
50505					DG	ALFD	E-348	
50506					AB	ALFD	E-350	
50507					AB	ALJA	E-350	
50508			ALNNI833X	TE, TT, TI-RC4B4 INDICATING CIRCUIT	D	39159F	E-369, 373	
50509					D	39159D	E-369	
50510					D	39159C	E-369	
50511					D	39159A	E-369	
50512					D	ALBN	E-369	
50513					AB	Exposed	E-378B-3	
50514			C5760D	TE, TT, TI-RC4B4 CONTROL RM PNL	FF		E-353	
50515			PAL2NI	TE, TT, TI-RC4B4 PENETRATION BOX	D		E-369	
50516			PAL2NX	TE, TT, TI-RC4B4 PENETRATION BOX	AB		E-350	
50517			TE-RC4B4	RCS LOOP 1 COLD LEG TEMP ELEMENT	D		E-369	
50518			TI-RC4B4	RCS LOOP 1 COLD LEG TEMP INDICATOR	FF		E-353	
50519			TT-RC4B4	RCS LOOP 1 COLD LEG TEMP TRANSMITTER	FF		E-353	
50600	RCS	RC11	1CBE1602C	MVRC11 CONTROL CIRCUIT	AB	38076B	E-351-5	
50601					AB	38097A	E-350-1	
50602					AB	1CJP	E-350-1	
50603					AB	JB3833	E-350-1	
50604					AB	38097B	E-350-1	
50605					DG	38097B	E-348	
50606					DG	JB4818	E-348	
50607					DG	38097E	E-348	
50608			1CBE1602D	MVRC11 CONTROL CIRCUIT	D	39289A	E-363, 366, 369	
50609					AB	Exposed	E-378B-3	
50610			1CBE1602E	MVRC11 CONTROL CIRCUIT	DG	48426A	E-348	
50631			1CBE1602K	MVRC11 CONTROL CIRCUIT	FF	1CP02A	E-356-8	
50632					DD	1CP02A	E-356-8	
50633					DD	1CPL	E-356-6	
50634					DD	1CLA	E-356-6	
50635					V	1CLA	E-347	
50636					V	48136A	E-347	
50637					DG	48136A	E-348	
50638					DG	JB4818	E-348	
50639					DG	38097D	E-348	
50640			1PBE1602A	MVRC11 POWER CIRCUIT	AB	38603A	E-350	
50641					DG	38603A	E-348	
50642			1PBE1602B	MVRC11 POWER CIRCUIT	D	39288A	E-363, 366, 369	
50643					AB	Exposed	E-378B-3	
50644			BE1602	MVRC11 CIRCUIT BREAKER (CH. 1)	DG		E-348	
50645			C5705	MVRC11 CONTROL ROOM PANEL (CH. 1)	FF		E-353	

RACEWAY LEGEND (A) = 3-HR FIRE WRAP (B) = 1-HR FIRE WRAP (C) = RADIANT ENERGY SHIELD * = EMBEDDED CONDUIT

APPENDIX B-1

CIRCUIT/SUB-COMPONENT LOCATION SUMMARY BY SYSTEM

ID No.	SYSTEM	COMPONENT	CIRCUIT/ SUB-COMP	DESCRIPTION	FIRE AREA	RACEWAY	RACEWAY DRAWING	CHANGE NO/TYP
50646	RCS	RC11	CDE-16B	MVRC11 DISCONNECT SWITCH (CH. 1)	DG		E-348	
50647			MVRC11	PZR POWER RELIEF SHUTOFF VALVE (CH. 1)	D		E-367	
50648			P1C2LI	MVRC11 PENETRATION TERMINAL BOX (CH. 1)	D		E-363	
50649			P1C2LX	MVRC11 PENETRATION TERMINAL BOX (CH. 1)	AB		E-350	
50650			P1P2MI	MVRC11 PENETRATION TERMINAL BOX (CH. 1)	D		E-363	
50651			P1P2MX	MVRC11 PENETRATION TERMINAL BOX (CH. 1)	AB		E-350	
50561A		RC13A	N/A	RCS CODE SAFETY VALVE	D	N/A		
50561B		RC13B	N/A	RCS CODE SAFETY VALVE	D	N/A		
50561C		RC147	N/A	RCS PRESSURIZER VENT HEADER ISO VLV	D	N/A		
50700		RC200	2CBF1285G	MV0200 CONTROL CIRCUIT	FF	2CP98A	E-353	12 D
50700A					FF	2CP98A	E-353	12 A
50700B					DD	2CP98A	E-356-1	12 A
50700C					DD	2CPN	E-356-7	12 A
50700D					DD	2CKM	E-356-7	12 A
50700E					DD	46527A	E-356-7	12 A
50700F					EE	46527A	E-414, 417	12 A
50700G					X	46527A	E-346, 414	12 A
50700H					X	2CKM	E-346	12 A
50700I					X	46526B	E-346	12 A
50707			2CBF1285K	MV0200 CONTROL CIRCUIT	DF	2CLA	E-347	
50708					DF	47078B	E-347	
50709					DF	2CKM	E-347	
50710					X	2CKM	E-346	
50711					X	46739D	E-346	
50712			2CBF1285L	MV0200 CONTROL CIRCUIT	X	46739D	E-346	
50713					X	2CKM	E-346	
50714					X	46526C	E-346	
50715			2CBF1285N	MV0200 CONTROL CIRCUIT	D	39229B	E-366, 369	
50716					A	EXPOSED(A)	E-378B-3	
50717			2PBF1285J	MV0200 POWER CIRCUIT	DF	46085B	E-346	
50718					X	46085B	E-346	
50719			2PBF1285M	MV0200 POWER CIRCUIT	D	39229A	E-366, 369	
50720					A	EXPOSED	E-378B-3	
50721			BF1285	MV0200 CIRCUIT BREAKER (CH. 2)	X		E-346	
50722			C5798	MV0200 CONTROL ROOM PANEL (CH. 2)	FF		E-353	
50723			CDF-12A-2	MV0200 DISCONNECT SWITCH (CH. 2)	X		E-346	
50724			MV0200	PZR SMPL LINE CTMT VNT HDR VLV (CH. 2)	D		E-369	
50725			P2C5GI	MV0200 PENETRATION TERMINAL BOX (CH. 2)	D		E-362	
50726			P2C5GX	MV0200 PENETRATION TERMINAL BOX (CH. 2)	DF		E-347	
50727			P2P5FI	MV0200 PENETRATION TERMINAL BOX (CH. 2)	D		E-362	
50728			P2P5FX	MV0200 PENETRATION TERMINAL BOX (CH. 2)	DF		E-347	
50800		RC239A	2CBF1126C	MV0239A CONTROL CIRCUIT	DF	47306A	E-347	
50801					DF	2CLA	E-347	
50802			2CBF1126D	MV0239A CONTROL CIRCUIT	D	49083A	E-369	
50803					D	49083B	E-369, 369	
50804					A	EXPOSED(A)	E-378B-3	
50805			2CBF1126E	MV0239A CONTROL CIRCUIT	DF	47701A	E-347	
50806					DF	47306A	E-347	
50807					DF	2CLA	E-347	
50808			2CBF1126F	MV0239A CONTROL CIRCUIT	FF	2CP02C	E-356-8	
50809					DD	2CP02C	E-356-8	
50810					DD	2CPN	E-356-7	
50811					DD	2CPP	E-356-7	
50812					DD	2CLA	E-356-7	
50813					DF	47702A	E-347	
50814					DF	2CLA	E-347	
50815			2CBF1126G	MV0239A CONTROL CIRCUIT	FF	2CP98A	E-356	
50816					DD	2CP98A	E-356	
50817					DD	2CPN	E-356	
50818					DD	2CP02C	E-356	
50819					FF	2CP02C	E-356	
50820			2CBF1126H	MV0239A CONTROL CIRCUIT	A	18402A	E-412-1	
50821					A	18402A	E-332	
50822					G	18402A	E-335	
50823					G	2CEV	E-335	
50824					U	2CEV	E-349-3	
50825					CC	2CEV	E-347	
50826					DD	2CEV	E-356-7	
50827					DD	2CPN	E-356-7	
50828					DD	2CKM	E-356-7	
50829					DF	2CKM	E-347	
50830					DF	47307A	E-347	
50831			2CBF1126J	MV0239A CONTROL CIRCUIT	DF	47306A	E-347	
50832					DF	2CLA	E-347	

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APPENDIX B-1

CIRCUIT/SUB-COMPONENT LOCATION SUMMARY BY SYSTEM

ID No.	SYSTEM	COMPONENT	CIRCUIT/ SUB-COMP	DESCRIPTION	FIRE AREA	RACEWAY	RACEWAY DRAWING	CHANGE NO/TYP
50833	RCS	RC239A	2CBF1126J	MV0239A CONTROL CIRCUIT	DF	47701A	E-347	
50834			2CBF1126K	MV0239A CONTROL CIRCUIT	DF	2CLA	E-347	
50835					DF	47306A	E-347	
50836					DF	47701A	E-347	
50837			2PBF1126A	MV0239A POWER CIRCUIT	DF	47303A	E-347	
50838			2PBF1126B	MV0239A POWER CIRCUIT	D	49081A	E-369	
50839					A	EXPOSED	E-378B-3	
50840			BF1126	MV0239A CIRCUIT BREAKER (CH. 2)	DF		E-347	
50841			C1708	MV0239A CONTROL CABINET (CH. 2)	A		E-412-1	
50842			C5705	MV0239A CONTROL ROOM PANEL (CH. 2)	FF		E-353	
50843			CDF-11A-1	MV0239A DISCONNECT SWITCH (CH. 2)	DF		E-347	
50844			MV0239A	PRESSURIZER VAPOR SAMPLE VALVE (CH. 2)	D		E-369	
50845			P2C5GI	MV0239A PENETRATION TERMINAL BOX (CH. 2)	D		E-362	
50846			P2C5GX	MV0239A PENETRATION TERMINAL BOX (CH. 2)	DF		E-347	
50847			P2P5FI	MV0239A PENETRATION TERMINAL BOX (CH. 2)	D		E-362	
50848			P2P5FX	MV0239A PENETRATION TERMINAL BOX (CH. 2)	DF		E-347	
50900		RC239B	2CBF1127C	MV0239B CONTROL CIRCUIT	DF	47306A	E-347	
50901					DF	2CLA	E-347	
50902			2CBF1127D	MV0239B CONTROL CIRCUIT	D	49084A	E-369	
50903					D	49083B	E-362, 369	
50904					A	Exposed	E-378B-3	
50905			2CBF1127E	MV0239B CONTROL CIRCUIT	DF	47700A	E-347	
50906					DF	47306A	E-347	
50907					DF	2CLA	E-347	
50908			2CBF1127F	MV0239B CONTROL CIRCUIT	FF	2CP02C	E-356-8	
50909					DD	2CP02C	E-356-8	
50910					DD	2CPN	E-356-7	
50911					DD	2CPP	E-356-7	
50912					DD	2CLA	E-356-7	
50913					DF	2CLA	E-347	
50914					DF	47701A	E-347	
50915			2CBF1127G	MV0239B CONTROL CIRCUIT	A	18402A	E-332	
50916					A	18402A	E-412-1	
50917					G	18402A	E-335	
50918					G	2CEV	E-335	
50919					U	2CEV	E-349-3	
50920					CC	2CEV	E-347	
50921					DD	2CEV	E-356-7	
50922					DD	2CPN	E-356-7	
50923					DD	2CKM	E-356-7	
50924					DF	2CKM	E-347	
50925					DF	47307A	E-347	
50926			2PBF1127A	MV0239B POWER CIRCUIT	DF	47304A	E-347	
50927			2PBF1127B	MV0239B POWER CIRCUIT	D	49114A	E-362, 369	
50928					A	Exposed	E-378B-3	
50929			BF1127	MV0239B CIRCUIT BREAKER (CH. 2)	DF		E-347	
50930			C1708	MV0239B CONTROL CABINET (CH. 2)	A		E-412-1	
50931			C5705	MV0239B CONTROL ROOM PANEL (CH. 2)	FF		E-353	
50932			CDF-11A-1	MV0239B DISCONNECT SWITCH (CH. 2)	DF		E-347	
50933			MV0239B	PRESSURIZER LIQUID SAMPLE VALVE (CH. 2)	D		E-369	
50934			P2C5GI	MV0239B PENETRATION TERMINAL BOX (CH. 2)	D		E-362	
50935			P2C5GX	MV0239B PENETRATION TERMINAL BOX (CH. 2)	DF		E-347	
50936			P2P5FI	MV0239B PENETRATION TERMINAL BOX (CH. 2)	D		E-362	
50937			P2P5FX	MV0239B PENETRATION TERMINAL BOX (CH. 2)	DF		E-347	
51056C		RC2A	2CVRC2J	SVRC2A (PORV) POWER CIRCUIT	DF	46286A		2 A
51056D					X	46286A	E-346	2 A
51056B			2CVRC2K	SVRC2A (PORV) INDICATIG CIRCUIT	D	49703C	E-0367	
51056E					D	49703A	E-367	2 A
51056F					A	EXPOSED(A)	E-378B-1	
51056G			2CVRC2L	SVRC2A (PORV) INDICATING CIRCUIT	DF	2CLA	E-347	2 A
51056H					DD	2CLA	E-356-7	2 A
51056I					DD	2CPR	E-356-7	2 A
51056J					DD	2CKM	E-356-7	2 A
51056K					DD	2CPN	E-356-7	2 A
51056L					DD	5705C1	E-356-7	2 A
51056M					FF	5705C1	UNSCHEDULED	2 A
51057A			2CVRC2M	SVRC2A (PORV) CONTROL CIRCUIT	FF	5705C1	E-356-8	2 A
51057B					DD	5705C1	E-356-8	2 A
51057C					DD	2CPN	E-356-7	2 A
51057D					DD	2CKM	E-356-7	2 A
51057E					DF	2CKM	E-347	2 A
51057F					X	2CKM	E-346	2 A
51057G					X	46725B	E-346	2 A
51056			2CVRC2N	SVRC2A (PORV) POWER CIRCUIT	D	49700C	E-0367	
51056A					D	49700A	E-367	
51058A					D	P2P5FI	E-362	
51058B					D	49700B	E-362	

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APPENDIX B-1

CIRCUIT/SUB-COMPONENT LOCATION SUMMARY BY SYSTEM

ID No.	SYSTEM	COMPONENT	CIRCUIT/ SUB-COMP	DESCRIPTION	FIRE AREA	RACEWAY	RACEWAY DRAWING	CHANGE NO/TYP
51058C	RCS	RC2A	2CVRC2N	SVRC2A (PORV) POWER CIRCUIT	A	EXPOSED(A)	E-378B-1	
51059A			2CVRC2Q	SVRC2A (PORV) POWER CIRCUIT	DF	P2P5FX	E-347	
51059B					DF	46286B	E-347	
51045			BCVRC2H	SVRC2 CONTROL CIRCUIT	FF	BCP59B	E-356-10	
51046					DD	BCP59B	E-356-10	
51047					DD	BCPC	E-356-4	
51048					DD	BCP02D	E-356-8	
51049					FF	BCP02D	E-356-8	
51057H			BCVRC2P	SVRC2A (PORV) CONTROL CIRCUIT	X	46964A	E-346	2 A
51057I					X	BCKQ	E-346	2 A
51057J					DF	BCKQ	E-346, 347	2 A
51057K					DD	BCKQ	E-356-4	2 A
51057L					DD	BCPC	E-356-4	2 A
51057M					DD	BCP59B	E-356-10	2 A
51057N					FF	BCP59B	E-356-10	2 A
51050			C5705	SVRC2 CONTROL ROOM PANEL (CH. B)	FF		E-353	
51051			C5759B	SVRC2 CONTROL ROOM PANEL (CH. B)	FF		E-353	
51057Q			P2C5GI	SVRC2 (PORV) PENE TERMINAL BOX (CH 2)	D			2 A
51057R			P2C5GX	SVRC2 (PORV) PENE TERMINAL BOX (CH 2)	DF			2 A
51057P			RC4606	SVRC2 (PORV) RELAY CABINET (CH 2)	X		E-346-1	2 A
51055			SVRC2	PRESSURIZER PORV (CH. B)	D		E-367	
51100		RC4608A	1CV4608AA	SV4608A CONTROL CIRCUIT	D	49062A	E-366, 369	
51101					A	Exposed	E-378B-3	
51102			1CV4608AC	SV4608A CONTROL CIRCUIT	A	36312D	E-349-2	
51103					P	JB3623	E-338	
51104					A	36312B	E-349-2	
51105					A	JB3714	E-349-2	
51106					A	36312C	E-349-2	
51107					U	36312C	E-349-3	
51108					U	1CJM	E-349-3	
51109					CC	1CJM	E-347	
51110					DD	1CJM	E-356-6	
51111					DD	1CPL	E-356-6	
51112					DD	1CPR	E-356-6	
51113					DD	1CPM	E-356-6	
51114					DD	1CP99A	E-356-1	
51115					FF	1CP99A	E-353	
51116			1CV4608AD	SV4608A CONTROL CIRCUIT	V	38098A	E-350	
51117					V	1CJM	E-350	
51118					U	1CJM	E-349-3	
51119					CC	1CJM	E-347	
51120					DD	1CJM	E-356-6	
51121					DD	1CPL	E-356-6	
51122					DD	1CPR	E-356-6	
51123					DD	1CPM	E-356-6	
51124					DD	1CP99A	E-356-1	
51125					FF	1CP99A	E-356-1	
51126			C5799	SV4608A CONTROL ROOM PANEL (CH. 1)	FF		E-353	
51127			P1P3BI	SV4608A PENETRATION TERMINAL BOX (CH. 1)	D		E-362	
51128			P1P3BX	SV4608A PENETRATION BOX (CH. 1)	A		E-349-2	
51129			RC3706	SV4608A RELAY CABINET (CH. 1)	V		E-350	
51130			SV4608A	RCS LOOP 1 HIGH POINT VENT VLV (CH. 1)	D		E-366	
51200		RC4608B	1CV4608BA	SV4608B CONTROL CIRCUIT	D	49133A	E-366, 369	
51201					AB	Exposed	E-378B-3	
51202			1CV4608BC	SV4608B CONTROL CIRCUIT	DG	38097F	E-348	
51203					DG	JB4818	E-348	
51204					DG	38097B	E-348	
51205					AB	38097B	E-350-1	
51206					AB	JB3833	E-350-1	
51207					AB	38097A	E-350-1	
51208					AB	1CJP	E-350-1	
51209					V	1CJP	E-350-1	
51210					V	1CJM	E-349-3, 350	
51211					U	1CJM	E-349-3	
51212					CC	1CJM	E-347	
51213					DD	1CJM	E-356-6	
51214					DD	1CPL	E-356-6	
51215					DD	1CPR	E-356-6	
51216					DD	1CPM	E-356-6	
51217					DD	1CP99A	E-356-1	
51218					FF	1CP99A	E-356-1	
51219			C5799	SV4608B CONTROL ROOM PANEL (CH. 1)	FF		E-353	
51220			P1C5SI	SV4608B PENETRATION BOX (CH. 1)	D		E-371	
51221			P1C5SX	SV4608B PENETRATION BOX (CH. 1)	DG		E-348	
51222			SV4608B	RCS LOOP 1 HIGH POINT VENT VLV (CH. 1)	D		E-366	
51300		RC4610A	2CV4610AA	SV4610A CONTROL CIRCUIT	D	49163A	E-366, 369	

RACEWAY LEGEND (A) = 3-HR FIRE WRAP (B) = 1-HR FIRE WRAP (C) = RADIANT ENERGY SHIELD * = EMBEDDED CONDUIT

APPENDIX B-1

CIRCUIT/SUB-COMPONENT LOCATION SUMMARY BY SYSTEM

ID No.	SYSTEM	COMPONENT	CIRCUIT/ SUB-COMP	DESCRIPTION	FIRE AREA	RACEWAY	RACEWAY DRAWING	CHANGE NO/TYP
51301	RCS	RC4610A	2CV4610AA	SV4610A CONTROL CIRCUIT	A	EXPOSED	E-378B-3	
51302			2CV4610AC	SV4610A CONTROL CIRCUIT	DF	47052A	E-347, 347-1	
51303					DF	2CKN	E-347, 347-1	
51304					DD	2CKN	E-356-7	
51305					DD	2CPN	E-356-7	
51306					DD	2CP98A	E-356-1	
51307					FF	2CP98A	E-356-1	
51308			2CV4610AD	SV4610A CONTROL CIRCUIT	X	46725A	E-346	
51309					X	2CKL	E-346	
51310					DF	2CKL	E-347, 346	
51311					DD	2CKL	E-356-7	
51312					DD	2CPN	E-356-7	
51313					DD	2CP98A	E-356-1	
51314					FF	2CP98A	E-356-1	
51315			C5798	SV4610A CONTROL ROOM PANEL (CH. 2)	FF		E-353	
51316			P2P5FI	SV4610A PENETRATION TERMINAL BOX (CH. 2)	D		E-362	
51317			P2P5FX	SV4610A PENETRATION TERMINAL BOX (CH. 2)	DF		E-347, 346	
51318			RC4606	SV4610A RELAY CABINET (CH. 2)	X		E-346-1	
51319			SV4610A	RCS LOOP 2 HIGH POINT VENT VLV (CH. 2)	D		E-366	
51400		RC4610B	2CV4610BA	SV4610B CONTROL CIRCUIT	D	49162A	E-366, 369	
51401					A	Exposed	E-378B-3	
51402			2CV4610BC	SV4610B CONTROL CIRCUIT	DF	46321A	E-347, 346-1	
51403					DF	2CKN	E-347, 346-1	
51404					DD	2CKN	E-356-7	
51405					DD	2CPN	E-356-7	
51406					DD	2CP98A	E-356-1	
51407					FF	2CP98A	E-356-1	
51408			C5798	SV4610B CONTROL ROOM PANEL (CH. 2)	FF		E-353	
51409			P2C5CI	SV4610B PENETRATION TERMINAL BOX (CH. 2)	D		E-362	
51410			P2C5CX	SV4610B PENETRATION TERMINAL BOX (CH. 2)	DF		E-347, 370	
51411			SV4610B	RCS LOOP 2 HIGH POINT VENT VLV (CH. 2)	D		E-366	
51500		RC4632	2CV4632A	SV4632 CONTROL CIRCUIT	D	39296A	E-362	
51501			2CV4632B	SV4632 CONTROL CIRCUIT	A	18402A	E-412-1	
51502					A	18402A	E-332	
51503					G	18402A	E-335	
51504					G	2CEV	E-335	
51505					U	2CEV	E-349-3	
51506					CC	2CEV	E-347	
51507					DD	2CEV	E-356-7	
51508					DD	2CPN	E-356-7	
51509					DD	2CKM	E-356-7	
51510					DF	2CKM	E-346-1	
51511					DF	46193B	E-346-1	
51512					DF	JB4674	E-346-1	
51513					DF	46193A	E-346-1	
51514					A	Exposed	E-378B-3	
51515			2CV4632C	SV4632 CONTROL CIRCUIT	DF	JB4674	E-346-1	
51516					DF	46193A	E-346-1	
51517			2CV4632D	SV4632 CONTROL CIRCUIT	FF	5705C1	E-356-8	
51518					DD	5705C1	E-356-7, 356-8	
51519					DD	2CPN	E-356-7, 356-8	
51520					G	2CEV	E-335	
51521					G	18402A	E-335	
51522					A	18402A	E-332	
51523					A	18402A	E-332	
51524			2CV4632E	SV4632 CONTROL CIRCUIT	DF	JB4674	E-346-1	
51525					DF	46193B	E-346-1	
51526					DF	2CKM	E-346-1	
51527					DF	46193D	E-346-1	
51528					X	2CKM	E-346-1	
51529					X	46725B	E-346-1	
51530			2CV4632F	SV4632 CONTROL CIRCUIT	FF	5705C1	E-356-8	
51531					DD	5705C1	E-356-7, 356-8	
51532					DD	2CPN	E-356-7, 356-8	
51533					DD	2CKM	E-356-7	
51534					DF	2CKM	E-346-1	
51535					DF	46725B	E-346-1	
51538			2CV4632G	SV4632 CONTROL CIRCUIT	DF	46193C	E-346-1	
51539					DF	JB4674	E-346-1	
51540					DF	Unschd	E-346-1	
51541			C1708	SV4632 CONTROL CABINET	A		E-412-1	
51542			C5705	SV4632 CONTROL ROOM PANEL	FF		E-353	
51543			JT3955	SV4632 TERMINAL BOX	D		E-362	
51544			JY4632	SV4632 SOLENOID CONTROL BOX	DF		E-346-1	
51545			P2C5CI	SV4632 PENETRATION TERMINAL BOX	D		E-369	
51546			P2C5CX	SV4632 PENETRATION TERMINAL BOX	DF		E-346-1	
51547			RC4606	SV4632 RELAY CABINET	X		E-346-1	

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APPENDIX B-1

CIRCUIT/SUB-COMPONENT LOCATION SUMMARY BY SYSTEM

ID No.	SYSTEM	COMPONENT	CIRCUIT/ SUB-COMP	DESCRIPTION	FIRE AREA	RACEWAY	RACEWAY DRAWING	CHANGE NO/TYP
51548	RCS	RC4632	RC4607	SV4632 RELAY CABINET	DF		E-346-1	
51549			SV4632	RCS COLD LEG SG1-2 SAMPLE VLV	D		E-369, 362	
53500	SFAS	C5755D	2CY207A	120VAC CONTROL POWER	DD	2CP55D	E-424	
53501					DD	2CPN	E-356-7	
53502					DD	2CKL	E-356-7	
53503					DF	2CKL	E-346	
53504					FF	2CP55D	E-424	
53505					X	2CKL	E-346	
53506					X	46824A	E-346	
53600		C5762D	1CY107A	120V AC CONTROL POWER	DD	1CPL	E-356-6	
53603					DD	46053A	E-356-1	
53604					DD	1CP62D	E-356-10	
53605					DD	46053B*	E-343, 344, 355	
53605A					A	46053B*	E-343,344,355	
53605B					DF	46053B*	E-343,344,355	
53605C					X	46053B*	E-343,344,355	
53605D					Y	46053B*	E-343,344,355	
53606					FF	1CP62D	E-356-10	
53607					Y	1CKD	E-346	
53608					Y	46122A	E-346	
53609					Y	1CKA	E-346	
53700		C5763D	3CY307A	120V AC CONTROL POWER	Y	46091A	E-346	
53701					Y	JB4607	E-346	
53702					DD	46019E	E-356-1	
53703					DD	46019G	E-356-1	
53704					DD	46019C	E-356-1	
53705					Y	46091B*	E-343,344,355	
53705A					II	46091B*	E-343, 344, 355	
53705B					X	46091B*	E-343, 344, 355	
53705C					DF	46091B*	E-343, 344, 355	
53705D					A	46091B*	E-343, 344, 355	
53705E					DD	46091B*	E-343, 344, 355	
53706					FF	46019G	E-353	
53800		C5765D	4CY407A	120VAC CONTROL POWER	X	46865A	E-346	
53801					X	46865C	E-346	
53802					X	JB4606	E-346	
53803					DD	46865G	E-356-1	
53804					DD	46865E	E-356-1	
53805					DD	46865C	E-356-1	
53806					DF	46865C	E-346	
53807					FF	46865G	E-353	
53808					X	46865C	E-346	
51600		HIS6453	1CLY6453A	SG AUTO ESSEN LEVEL CONTROL	CC	1CJL	E-347	
51601					V	37805C	E-349-3	
51611					DD	1CPL	E-356-1	
51613					DD	1CP17A	E-356-1	
51614					DD	1CJL	E-356-1	
51616					A	37805C	E-349-2	
51617					FF	1CP17A	E-353	
51618					U	1CJL	E-349-3	
51619					V	1CJL	E-349-3	
51602			1CLY6453B	SG AUTO ESSEN LEVEL CONTROL	CC	1CJL	E-347	
51603					DD	1CJL	E-356-1	
51604					DD	1CP63C	E-356-1	
51605					DD	1CPL	E-356-1	
51607					A	37805C	E-348-2	
51608					FF	1CP63C	E-353	
51609					U	1CJL	E-349-3	
51610					V	1CJL	E-349-3	
51612					V	37805C	E-349-3	
51700		HIS6454	2CLY6454A	SG AUTO ESSEN LEVEL CONTROL	DD	2CEA	E-356-1	
51701					DD	2CPN	E-356-1	
51702					DD	2CPP	E-356-1	
51703					DD	2CPN	E-356-1	
51704					DD	2CP17C	E-356-1	
51705					DF	2CEA	E-347	
51706					A	37806B	E-349-2	
51707					A	2CEA	E-349-2	
51708					FF	2CP17C	E-353	
51709			2CLY6454B	SG AUTO ESSEN LEVEL CONTROL	DD	2CP56C	E-356-1	
51710					DD	2CPN	E-356-1	
51711					DD	2CEA	E-356-1	
51712					DD	2CPP	E-356-1	

RACEWAY LEGEND (A) = 3-HR FIRE WRAP (B) = 1-HR FIRE WRAP (C) = RADIANT ENERGY SHIELD * = EMBEDDED CONDUIT

APPENDIX B-1

CIRCUIT/SUB-COMPONENT LOCATION SUMMARY BY SYSTEM

ID No.	SYSTEM	COMPONENT	CIRCUIT/ SUB-COMP	DESCRIPTION	FIRE AREA	RACEWAY	RACEWAY DRAWING	CHANGE NO/TYP
51713	SFAS	HIS6454	2CLY6454B	SG AUTO ESSEN LEVEL CONTROL	DD	2CPN	E-356-1	
51714					DF	2CEA	E-347	
51715					A	37806B	E-349-2	
51716					A	2CEA	E-349-2	
51717					FF	2CP56C	E-353	
51800		LI1525A	ALSF1601A	BWST LEVEL INDICATOR	FF	ALP16B	E-356-8	
51801					DD	ALP16B	E-356-8	
51802					DD	ALPB	E-356-3	
51803					DD	ALP16B	E-356-8	
51804					FF	ALP16B	E-356-8	
51805		LI1525B	BLSF1651A	BWST LEVEL INDICATOR	DD	BLP55C	E-424	
51806					FF	BLP16B	E-356-8	
51807					DD	BLP16B	E-356-8	
51808					DD	BLPA	E-356-5	
51809					FF	BLP55C	E-424	
51810		LI1525C	ALSF1603A	BWST LEVEL INDICATOR	FF	ALP16B	E-356-8	
51811					DD	ALP16B	E-356-8	
51812					DD	ALPB	E-356-3	
51813					DD	ALP63D	E-424	
51814					FF	ALP63D	E-424	
51815		LI1525D	BLSF1653A	BWST LEVEL INDICATOR	FF	BLP16B	E-356-8	
51816					DD	BLP16B	E-356-8	
51817					DD	BLPA	E-356-5	
51818					DD	BLP56D	E-424	
51819					FF	BLP56D	E-424	
52200		LSL1525A1	ALSF5811A	BWST LEVEL SWITCH	DD	ALP58C	E-356-10	
52201					DD	ALP62C	E-356-10	
52202					DD	ALPB	E-356-3	
52203					FF	ALP58C	E-356-10	
52204					FF	ALP62C	E-356-10	
52300		LSL1525B1	BLSF5821A	BWST LEVEL SWITCH	DD	BLP55C	E-424	
52301					DD	BLPA	E-356-5	
52303					DD	BLP58E	E-356-10	
52304					FF	BLP58E	E-356-10	
52305					FF	BLP55C	E-424	
52400		LT1525A	1LSFLT11A	BWST LEVEL TRANSMITTER	AC	20323A	E-319	
52401					B	20323A	E-336	
52402					AB	20323A	E-336	
52403					DD	20323A	E-356-1	
52404					DD	1LP62C	E-356-10	
52405					AB	20323A	E-350	
52406					DG	20323A	E-348	
52407					FF	1LP62C	E-356-10	
52408					G	20323A	E-336	
52409					V	20323A	E-348	
52500		LT1525B	2LSFLT21A	BWST LEVEL TRANSMITTER	AC	20325A	E-319	
52501					B	20325A	E-336	
52502					CC	20325A	E-347	
52503					DD	20325A	E-356-1	
52504					DD	2LP55C	E-424	
52505					FF	2LP55C	E-424	
52506					G	20325A	E-335	
52508					AB	20325A	E-335	
52509					U	20325A	E-349-3	
52600		LT1525C	3LSFLT31A	BWST LEVEL TRANSMITTER	U	20324A	E-349-3	
52601					AC	20324A	E-319	
52602					B	20324A	E-336	
52603					CC	20324A	E-347	
52604					DD	3LP63D	E-424	
52605					DD	20324A	E-356-1	
52606					FF	3LP63D	E-424	
52607					G	20324A	E-335	
52609					AB	20324A	E-335	
52700		LT1525D	4LSFLT41A	BWST LEVEL TRANSMITTER	AC	20326A	E-319	
52701					B	20326A	E-336	
52702					CC	20326A	E-347	
52703					DD	4LP56D	E-424	
52704					DD	20326A	E-356-1	
52705					FF	4LP56D	E-424	

RACEWAY LEGEND (A) = 3-HR FIRE WRAP (B) = 1-HR FIRE WRAP (C) = RADIANT ENERGY SHIELD * = EMBEDDED CONDUIT

APPENDIX B-1

CIRCUIT/SUB-COMPONENT LOCATION SUMMARY BY SYSTEM

ID No.	SYSTEM	COMPONENT	CIRCUIT/ SUB-COMP	DESCRIPTION	FIRE AREA	RACEWAY	RACEWAY DRAWING	CHANGE NO/TYP
52706	SFAS	LT1525D	4LSFLT41A	BWST LEVEL TRANSMITTER	G	20326A	E-335	
52708					AB	20326A	E-335	
52709					U	20326A	E-349-3	
52800		PI2000	ALSF1601A	CTMT VESSEL PRESS INDICATOR	DD	ALP16B	E-356-8	
52801					DD	ALP62C	E-356-10	
52802					DD	ALPB	E-356-3	
52803					FF	ALP16B	E-356-8	
52804					FF	ALP62C	E-356-10	
52900		PI2001	BLSF1651A	CTMT VESSEL PRESS INDICATOR	DD	BLP16B	E-356-8	
52901					DD	BLPA	E-356-5	
52902					DD	BLP55C	E-424	
52903					DD	BLPA	E-356-5	
52904					FF	BLP16B	E-356-8	
52905					FF	BLP55C	E-424	
53000		PI2002	ALSF1603A	CTMT VESSEL PRESS INDICATOR	DD	ALP63D	E-424	
53001					DD	ALPB	E-356-3	
53002					DD	ALP16B	E-356-8	
53003					FF	ALP63D	E-424	
53004					FF	ALP16B	E-356-8	
53100		PI2003	BLSF1653A	CTMT VESSEL PRESS INDICATOR	DD	BLP16B	E-356-8	
53101					DD	BLPA	E-356-5	
53102					DD	BLP56D	E-424	
53103					FF	BLP56D	E-424	
53104					FF	BLP16B	E-356-8	
53200		PIRC2A3	BLSF1653A	RCS COOLANT PRESS INDICATOR	DD	BLP56D	E-424	
53201					DD	BLPA	E-356-5	
53202					DD	BLP16B	E-356-8	
53203					FF	BLP56D	E-424	
53204					FF	BLP16B	E-356-8	
53300		PIRC2A4	2LSF1652A	RCS COOLANT PRESS INDICATOR	DD	2LP55C	E-424	
53301					DD	57100C	E-356-1	
53302					DD	57100A	E-356-1	
53303					FF	57100A	E-353	
53304					FF	2LP55C	E-424	
53400		PIRC2B3	ALSF1603A	RCS COOLANT PRESS INDICATOR	DD	ALP63D	E-424	
53401					DD	ALP16B	E-356-8	
53402					DD	ALPB	E-356-3	
53403					FF	ALP16B	E-356-8	
53404					FF	ALP63D	E-424	
53900		PSH2000B	ALSF5812A	CTMT VESSEL PRESS SWITCH	DD	ALP58C	E-356-10	
53901					DD	ALPB	E-356-3	
53902					DD	ALP62C	E-356-10	
53903					FF	ALP62C	E-356-10	
53904					FF	ALP58C	E-356-10	
54000		PSH2001B	BLSF5822A	CTMT VESSEL PRESS SWITCH	DD	BLP58E	E-356-10	
54001					DD	BLP55C	E-424	
54002					DD	BLPA	E-356-5	
54004					FF	BLP55C	E-424	
54005					FF	BLP58E	E-356-10	
54100		PT2000	1LSFPT12A	CTMT VESSEL PRESS XMTR	DD	48037A	E-356-1	
54101					DD	1LP62C	E-356-10	
54102					FF	1LP62C	E-356-10	
54103					V	48037A	E-348	
54200		PT2001	2LSFPT22A	CTMT VESSEL PRESS XMTR	DD	57059A	E-356-1	
54201					DD	2LP55C	E-424	
54202					EE	57059A	E-414	
54203					FF	2LP55C	E-424	
54300		PT2002	3LSFPT32A	CTMT VESSEL PRESS XMTR	DD	58111A	E-356-1	
54301					EE	58111A	E-417	
54302					FF	58111A	E-353	
54400		PT2003	4LSFPT42A	CTMT VESSEL PRESS XMTR	CC	37815E	E-347	
54401					CC	JB4708	E-347	
54402					CC	37815D	E-347	
54403					CC	37815C*	E-347	
54404					A	37815C*	E-347	
54404A					DF	37815C	E-347	

RACEWAY LEGEND (A) = 3-HR FIRE WRAP (B) = 1-HR FIRE WRAP (C) = RADIANT ENERGY SHIELD * = EMBEDDED CONDUIT

APPENDIX B-1

CIRCUIT/SUB-COMPONENT LOCATION SUMMARY BY SYSTEM

ID No.	SYSTEM	COMPONENT	CIRCUIT/ SUB-COMP	DESCRIPTION	FIRE AREA	RACEWAY	RACEWAY DRAWING	CHANGE NO/TYP
54405	SFAS	PT2003	4LSFPT42A	CTMT VESSEL PRESS XMTR	DF	37815B	E-347	
54406					DF	JB4704	E-347	
54407					DF	37815A	E-347	
54408					DD	37815A	E-356-1	
54408A					DD	4LP56D	E-424	
54409					FF	4LP56D	E-424	
55200		RI2004	ALSF1601A	CTMT VESSEL RADIATION IND	DD	ALP16B	E-356-8	
55201					DD	ALPB	E-356-3	
55202					DD	ALP62C	E-356-10	
55203					FF	ALP62C	E-356-10	
55204					FF	ALP16B	E-356-8	
55300		RI2005	BLSF1651A	CTMT VESSEL RADIATION IND	DD	BLP16B	E-356-8	
55301					DD	BLPA	E-356-5	
55303					DD	BLP55C	E-424	
55304					FF	BLP16B	E-356-8	
55305					FF	BLP55C	E-424	
55400		RI2006	ALSF1603A	CTMT VESSEL RADIATION IND	DD	ALP16B	E-356-8	
55401					DD	ALP63D	E-424	
55402					DD	ALPB	E-356-3	
55403					FF	ALP16B	E-356-8	
55404					FF	ALP63D	E-424	
55500		RI2007	BLSF1653A	CTMT VESSEL RADIATION IND	DD	BLPA	E-356-5	
55501					DD	BLP56D	E-424	
55502					DD	BLP16B	E-356-8	
55503					FF	BLP16B	E-356-8	
55504					FF	BLP56D	E-424	
55600		RSH2004A	ALSF5813A	CTMT VESSEL RADIATION SW	DD	ALP62C	E-356-10	
55601					DD	ALP58C	E-356-10	
55602					DD	ALPB	E-356-3	
55603					FF	ALP62C	E-356-10	
55604					FF	ALP58C	E-356-10	
55700		RSH2005A	BLSF5823A	CTMT VESSEL RADIATION SW	DD	BLP58E	E-356-10	
55701					DD	BLPA	E-356-5	
55703					DD	BLP55C	E-424	
55704					FF	BLP58E	E-356-10	
55705					FF	BLP55C	E-424	
55800	SFRCS	HIS100B	2CRC2121A	SFRCS LOGIC CH.2 TRIP BLOCK	DD	2CP92B	E-356-1	
55801					DD	2CPN	E-356-1	
55802					DD	5721C3	E-356-1	
55803					DD	2CEV	E-356-1	
55804					FF	2CP92B	E-353	
55805					FF	5721C3	E-353	
55806			2CRC2121B	SFRCS LOGIC CH.2 TRIP BLOCK	DD	5721C3	E-356-1	
55807					DD	2CP92B	E-356-1	
55808					DD	2CEV	E-356-1	
55809					DD	2CPN	E-356-1	
55810					FF	5721C3	E-353	
55811					FF	2CP92B	E-353	
55900		HIS100C	2CRC2141A	SFRCS LOGIC CH.4 TRIP BLOCK	DD	2CEV	E-356-1	
55901					DD	2CPN	E-356-1	
55902					DD	2CP92B	E-356-1	
55903					DD	5721C2	E-356-1	
55904					FF	2CP92B	E-353	
55905					FF	5721C2	E-353	
55906			2CRC2141B	SFRCS LOGIC CH.4 TRIP BLOCK	DD	5721C2	E-356-1	
55907					DD	2CPN	E-356-1	
55908					DD	2CEV	E-356-1	
55909					DD	2CP92B	E-356-1	
55910					FF	5721C2	E-353	
55911					FF	2CP92B	E-353	
56000		HIS101B	1CRC2111A	SFRCS LOGIC CH.1 TRIP BLOCK	DD	1CPL	E-356-1	
56002					DD	5721B1	E-356-1	
56003					FF	5721B1	E-353	
56004			1CRC2111B	SFRCS LOGIC CH.1 TRIP BLOCK	DD	1CPL	E-356-1	
56006					DD	5721B1	E-356-1	
56007					FF	5721B1	E-353	
56100		HIS101C	1CRC2131A	SFRCS LOGIC CH.3 TRIP BLOCK	DD	1CPL	E-356-1	
56101					DD	1CPM	E-356-1	
56102					DD	5721B2	E-356-1	

RACEWAY LEGEND (A) = 3-HR FIRE WRAP (B) = 1-HR FIRE WRAP (C) = RADIANT ENERGY SHIELD * = EMBEDDED CONDUIT

APPENDIX B-1

CIRCUIT/SUB-COMPONENT LOCATION SUMMARY BY SYSTEM

ID No.	SYSTEM	COMPONENT	CIRCUIT/ SUB-COMP	DESCRIPTION	FIRE AREA	RACEWAY	RACEWAY DRAWING	CHANGE NO/TYP
56103	SFRCS	HIS101C	1CRC2131A	SFRCS LOGIC CH.3 TRIP BLOCK	FF	5721B2	E-353	
56104			1CRC2131B	SFRCS LOGIC CH.3 TRIP BLOCK	DD	1CPL	E-356-1	
56105					DD	1CPM	E-356-1	
56106					DD	5721B2	E-356-1	
56107					FF	5721B2	E-353	
56219		HIS3869B	1CRSCC21A	BLOCK CIRCUIT AF3869 (AFP-1 TO SG-2)	DD	1CPR	E-356-6	
56220					DD	1CP62A	E-356-10	
56221					DD	JT5721	E-356	
56222					DD	1CPM	E-356-6	
56223					DD	1CPL	E-356	
56224					DD	1CPM	E-356-6	
56225					DD	1CP06A	E-356	
56226					FF	1CP62A	E-356-10	
56227					FF	1CP06A	E-353	
56228					FF	1CPA	E-353	
56229			1CRSCC23A	BLOCK CIRCUIT AF3869 (AFP-1 TO SG-2)	DD	JT5721	E-356	
56230					DD	1CPM	E-356-6	
56231					DD	1CPR	E-356-6	
56232					DD	1CPL	E-356	
56233					DD	1CP06A	E-356	
56234					DD	1CP62A	E-356-10	
56235					DD	1CPM	E-356-10	
56236					FF	1CP06A	E-353	
56237					FF	1CP62A	E-356-10	
56238					FF	1CPA	E-353	
56419		HIS3870B	1CRSCC21A	BLOCK CIRCUIT AF3870 (AFP-1 TO SG-1)	DD	1CP62A	E-356-10	
56420					DD	1CP06A	E-356	
56421					DD	JT5721	E-356	
56422					DD	1CPM	E-356-6	
56424					DD	1CPR	E-356-6	
56425					DD	1CPL	E-356	
56426					FF	1CP06A	E-353	
56427					FF	1CP62A	E-356-10	
56428					FF	1CPA	E-353	
56429			1CRSCC23A	BLOCK CIRCUIT AF3870 (AFP-1 TO SG-1)	DD	1CP62A	E-356-10	
56430					DD	1CP06A	E-356	
56431					DD	JT5721	E-356	
56432					DD	1CPM	E-356-6	
56434					DD	1CPR	E-356-6	
56435					DD	1CPL	E-356	
56436					FF	1CP06A	E-353	
56437					FF	1CP62A	E-356-10	
56438					FF	1CPA	E-353	
56316		HIS3871B	2CRSCC22A	BLOC CIRCUIT AE3871 (AFP-2 TO SG-1)	DD	JT5722	E-356	
56317					DD	2CPN	E-356	
56318					DD	2CEV	E-356	
56319					DD	2CPN	E-356	
56320					DD	2CP92A	E-356, 423	
56321					FF	2CP06A	E-353	
56322					FF	2CP92D	E-353	
56323					FF	2CP92A	E-353	
56324			2CRSCC24A	BLOCK CIRCUIT AF3871 (AF-2 TO SG-1)	DD	2CEV	E-356	
56325					DD	2CPN	E-356	
56326					DD	JT5722	E-356	
56327					DD	2CP92A	E-356, 423	
56328					DD	2CPN	E-356	
56329					FF	2CP06A	E-353	
56330					FF	2CP92D	E-353	
56331					FF	2CP92A	E-353	
56516		HIS3872B	2CRSCC22A	BLOCK CIRCUIT AF3872 (AFP-2 TO SG-2)	DD	2CEV	E-356	
56517					DD	2CP92A	E-356, 423	
56518					DD	2CPN	E-356	
56519					DD	JT5722	E-356	
56520					DD	2CPN	E-356	
56521					FF	2CP92D	E-353	
56522					FF	2CP92A	E-353	
56523					FF	2CP06A	E-353	
56524			2CRSCC24A	BLOCK CIRCUIT AF3872 (AFP-2 TO SG-2)	DD	2CP92A	E-356, 423	
56525					DD	2CEV	E-356	
56526					DD	JT5722	E-356	
56527					DD	2CPN	E-356	
56529					FF	2CP06A	E-353	
56530					FF	2CP92A	E-353	
56531					FF	2CP92D	E-353	
56532		HIS603B	2CRSCC12A	BLOCK CIRCUIT MS603 (SG-2 DRAIN STOP)	DD	2CPN	E-356	

RACEWAY LEGEND (A) = 3-HR FIRE WRAP (B) = 1-HR FIRE WRAP (C) = RADIANT ENERGY SHIELD * = EMBEDDED CONDUIT

APPENDIX B-1

CIRCUIT/SUB-COMPONENT LOCATION SUMMARY BY SYSTEM

ID No.	SYSTEM	COMPONENT	CIRCUIT/ SUB-COMP	DESCRIPTION	FIRE AREA	RACEWAY	RACEWAY DRAWING	CHANGE NO/TYP
56533	SFRCS	HIS603B	2CRSCC12A	BLOCK CIRCUIT MS603 (SG-2 DRAIN STOP)	DD	2CEV	E-356	
56534					DD	2CPN	E-356	
56535					DD	2CP92A	E-356, 423	
56536					DD	JT5722	E-356	
56537					FF	2CP06A	E-356	
56537A					FF	2CP92A	E-353	
56538					FF	2CP92D	E-353	
56539			2CRSCC14A	BLOCK CIRCUIT MS603 (SG-2 DRAIN STOP)	DD	2CP92A	E-356, 423	
56540					DD	2CEV	E-356	
56541					DD	2CPN	E-356	
56542					DD	JT5722	E-356	
56543					DD	2CPN	E-356	
56544					FF	2CP92A	E-356	
56545					FF	2CP92D	E-353	
56546					FF	2CP06A	E-353	
56547		HIS611B	1CRSCC11A	BLOCK CIRCUIT MS611 (SG-1 DRAIN STOP)	DD	1CPM	E-356-2	
56548					DD	1CPL	E-356	
56549					DD	1CP62A	E-356-10	
56550					DD	1CPR	E-356-6	
56551					DD	1CPM	E-356-6	
56552					DD	JT5721	E-356	
56553					DD	1CP06A	E-356	
56554					FF	1CP62A	E-356-10	
56555					FF	1CPA	E-353	
56556					FF	1CP06A	E-353	
56557			1CRSCC13A	BLOCK CIRCUIT MS611 (SG-1 DRAIN STOP)	DD	1CP06A	E-353	
56558					DD	1CP62A	E-356-10	
56559					DD	1CPM	E-356	
56560					DD	1CPL	E-356	
56561					DD	JT5721	E-356	
56562					DD	1CPR	E-356-6	
56563					FF	1CP62A	E-356-10	
56564					FF	1CP06A	E-353	
56565					FF	1CPA	E-353	
56200		HIS6401	1CRSCC11A	AFW MANUAL INIT. CH. 1 & 3	DD	1CPM	E-356-6	
56201					DD	1CPL	E-356	
56202					DD	1CP62A	E-356-10	
56203					DD	1CPR	E-356-6	
56204					DD	1CPM	E-356-6	
56205					DD	JT5721	E-356	
56206					DD	1CP06A	E-356	
56207					FF	1CP62A	E-356-10	
56208					FF	1CPA	E-353	
56209					FF	1CP06A	E-353	
56210			1CRSCC13A	AFW MANUAL INIT. CH. 1 & 3	DD	1CP06A	E-356	
56211					DD	1CP62A	E-356-10	
56212					DD	1CPM	E-356	
56213					DD	1CPL	E-356	
56214					DD	JT5721	E-356	
56215					DD	1CPR	E-356-6	
56216					FF	1CP62A	E-356-10	
56217					FF	1CP06A	E-353	
56218					FF	1CPA	E-353	
56300		HIS6402	2CRSCC12A	AFW MANUAL INIT. CH. 2 & 4	DD	2CPN	E-356	
56301					DD	2CEV	E-356	
56302					DD	2CPN	E-356	
56303					DD	2CP92A	E-356, 423	
56304					DD	JT5722	E-356	
56305					FF	2CP06A	E-353	
56306					FF	2CP92D	E-353	
56307					FF	2CP92A	E-353	
56308			2CRSCC14A	AFW MANUAL INIT. CH. 2 & 4	DD	2CP92A	E-356, 423	
56309					DD	2CEV	E-356	
56310					DD	2CPN	E-356	
56311					DD	JT5722	E-356	
56312					DD	2CPN	E-356	
56313					FF	2CP92A	E-353	
56314					FF	2CP92D	E-353	
56315					FF	2CP06A	E-353	
56400		HIS6403	1CRSCC11A	AFW MANUAL INIT. CH. 1 & 3	DD	1CPL	E-356	
56401					DD	1CPR	E-356-6	
56402					DD	1CP62A	E-356-10	
56403					DD	1CPM	E-356-6	
56405					DD	JT5721	E-356	
56406					DD	1CP06A	E-356	

RACEWAY LEGEND (A) = 3-HR FIRE WRAP (B) = 1-HR FIRE WRAP (C) = RADIANT ENERGY SHIELD * = EMBEDDED CONDUIT

APPENDIX B-1

CIRCUIT/SUB-COMPONENT LOCATION SUMMARY BY SYSTEM

ID No.	SYSTEM	COMPONENT	CIRCUIT/ SUB-COMP	DESCRIPTION	FIRE AREA	RACEWAY	RACEWAY DRAWING	CHANGE NO/TYP
56407	SFRCS	HIS6403	1CRSCC11A	AFW MANUAL INIT. CH. 1 & 3	FF	1CP62A	E-356-10	
56408					FF	1CP06A	E-353	
56409					FF	1CPA	E-353	
56410			1CRSCC13A	AFW MANUAL INIT. CH. 1 & 3	DD	1CP06A	E-356	
56411					DD	1CPL	E-356	
56412					DD	1CPR	E-356-6	
56413					DD	JT5721	E-356	
56414					DD	1CP62A	E-356-10	
56415					DD	1CPM	E-356	
56416					FF	1CP06A	E-353	
56417					FF	1CPA	E-353	
56418					FF	1CP62A	E-356-10	
56500		HIS6404	2CRSCC12A	AFW MANUAL INIT. CH. 2 & 4	DD	2CP92A	E-356, 423	
56501					DD	JT5722	E-356	
56502					DD	2CPN	E-356	
56504					DD	2CEV	E-356	
56505					FF	2CP06A	E-353	
56506					FF	2CP92A	E-353	
56507					FF	2CP92D	E-353	
56508			2CRSCC14A	AFW MANUAL INIT. CH. 2 & 4	DD	2CEV	E-356	
56509					DD	2CPN	E-356	
56510					DD	JT5722	E-356	
56511					DD	2CP92A	E-356, 423	
56512					DD	2CPN	E-356	
56513					FF	2CP92D	E-353	
56514					FF	2CP06A	E-353	
56515					FF	2CP92A	E-353	
56600		LLTSP9A6	1LSGLT11A	SG 2 LEVEL XMTR	CC	38601A	E-347	
56601					DD	5761A1	E-356-1	
56602					DD	38601A	E-356-1	
56603					DD	38601B	E-356-1	
56604					DD	5762C2	E-356-1	
56605					DD	1LP62C	E-356-1	
56606					AB	38601A	E-350	
56607					FF	5761A1	E-353	
56608					FF	1LP61A	E-353	
56609					U	38601A	E-349-3	
56610					V	38601A	E-350	
56611			1LSGLT11C	SG 2 LEVEL XMTR	D	29132C	E-373	
56612					D	29132A	E-373	
56613					AB	Exposed	E-378B-3	
56614			P1L1LI	LLTSP9A6 PENETRATION TERMINAL BOX (CH 1)	D		E-363	
56615			P1L1LX	LLTSP9A6 PENETRATION TERMINAL BOX (CH 1)	AB		E-351-5, 350	
56700		LLTSP9A7	1LSGLT31A	SG 2 LEVEL XMTR	DD	5761A2	E-356-1	
56701					AB	38232A	E-350	
56702					FF	5761A2	E-353	
56703					FF	1LP61A	E-353	
56704					V	JB3731	E-350	
56705					V	38232A	E-350	
56706					V	5761A2	E-350	
56707			1LSGLT31C	SG 2 LEVEL XMTR	D	29133A	E-373	
56708					D	29133C	E-373	
56709					AB	Exposed	E-378B-3	
56710			P1L1LI	LLTSP9A7 PENETRATION TERMINAL BOX (CH 1)	D		E-363	
56711			P1L1LX	LLTSP9A7 PENETRATION TERMINAL BOX (CH 1)	AB		E-351-5, 350	
56800		LLTSP9A8	2LSGLT21A	SG 2 LEVEL XMTR	DD	57961A	E-356-1	
56801					DD	2LP92A	E-356-1	
56802					DF	JB4707	E-347	
56803					DF	47402A	E-347	
56804					DF	57961A	E-347	
56805					FF	2LP92A	E-353	
56806					FF	57961A	E-353	
56807					FF	2LP92B	E-353	
56808			2LSGLT21C	SG 2 LEVEL XMTR	D	29134B	E-373	
56809					D	29134A	E-373	
56810					A	Exposed	E-378B-3	
56811			P2L4GI	LLTSP9A8 PENETRATION TERMINAL BOX (CH 2)	D		E-362	
56812			P2L4GX	LLTSP9A8 PENETRATION TERMINAL BOX (CH 2)	DF		E-347-1	
56900		LLTSP9A9	2LSGLT41A	SG 2 LEVEL XMTR	DD	57962B	E-356-1	
56901					DD	57962A	E-356-1	
56902					DD	JB5785	E-356-1	
56903					DD	2LP92A	E-356-1	
56904					DD	47551A	E-356-1	
56905					DD	47551B	E-356-1	

RACEWAY LEGEND (A) = 3-HR FIRE WRAP (B) = 1-HR FIRE WRAP (C) = RADIANT ENERGY SHIELD * = EMBEDDED CONDUIT

APPENDIX B-1

CIRCUIT/SUB-COMPONENT LOCATION SUMMARY BY SYSTEM

ID No.	SYSTEM	COMPONENT	CIRCUIT/ SUB-COMP	DESCRIPTION	FIRE AREA	RACEWAY	RACEWAY DRAWING	CHANGE NO/TYP
56906	SFRCS	LLTSP9A9	2LSGLT41A	SG 2 LEVEL XMTR	DD	5755C2	E-356-1	
56907					DD	2LP55C	E-356-1	
56908					DF	47551A	E-347	
56909					FF	2LP92A	E-353	
56910					FF	2LP92B	E-353	
56911			2LSGLT41C	SG 2 LEVEL XMTR	D	29135A	E-373	
56912					D	29135B	E-373	
56913					A	Exposed	E-378B-3	
56914			P2L4GI	LLTSP9A9 PENETRATION TERMINAL BOX (CH 2)	D		E-362	
56915			P2L4GX	LLTSP9A9 PENETRATION TERMINAL BOX (CH 2)	DF		E-347-1	
57000		LLTSP9B6	2LSGLT21B	SG 1 LEVEL TRANSMITTER	DD	2LP92A	E-356-1	
57002					DD	57961A	E-356-1	
57004					DF	JB4707	E-347	
57005					DF	57961A	E-347	
57006					DF	47402A	E-347	
57008					DF	57961A	E-347	
57009					DF	JB4707	E-347	
57010					FF	2LP92B	E-353	
57011					FF	57961A	E-353	
57012					FF	2LP92A	E-353	
57014					FF	2LP92B	E-353	
57015			2LSGLT21D	SG 1 LEVEL XMTR	D	29134C	E-373	
57016					D	29134A	E-373	
57017					A	Exposed	E-378B-3	
57018			2LSGLT21E	SG 1 LEVEL XMTR	DD	57802A	E356-1AY 423	
57019					DD	2LP92A	E356-1A, 423	
57020					FF	2LP92A	E-353	
57021					FF	2LP92B	E-353	
57020			P2L4GI	LLTSP9B6 PENETRATION TERMINAL BOX (CH 2)	D		E-362	
57021			P2L4GX	LLTSP9B6 PENETRATION TERMINAL BOX (CH 2)	DF		E-347-1	
57100		LLTSP9B7	2LSGLT41B	SG 1 LEVEL XMTR	DD	47551A	E-356-1	
57101					DD	5755C2	E-356-1	
57102					DD	2LP55C	E-356-1	
57103					DD	47551B	E-356-1	
57104					DD	2LP92A	E-356-1	
57105					DD	57962B	E-356-1	
57106					DD	JB5785	E-356-1	
57107					DD	57962A	E-356-1	
57108					DF	47551A	E-347	
57109					FF	2LP92B	E-353	
57110					FF	2LP92A	E-353	
57111			2LSGLT41D	SG 1 LEVEL XMTR	D	29135A	E-373	
57112					D	29135C	E-373	
57113					A	Exposed	E-378B-3	
57116			P2L4GI	LLTSP9B7 PENETRATION TERMINAL BOX (CH 2)	D		E-362	
57117			P2L4GX	LLTSP9B7 PENETRATION TERMINAL BOX (CH 2)	DF		E-347-1	
57200		LLTSP9B8	1LSGLT11B	SG 1 LEVEL XMTR	CC	38601A	E-347	
57201					DD	38601B	E-356-1	
57202					DD	1LP62C	E-356-1	
57203					DD	5761A1	E-356-1	
57204					DD	38601A	E-356-1	
57205					DD	5762C2	E-356-1	
57206					AB	38601A	E-350	
57207					FF	5761A1	E-353	
57208					FF	1LP61A	E-353	
57209					U	38601A	E-349-3	
57210					V	38601A	E-350	
57211			1LSGLT11D	SG 1 LEVEL XMTR	D	29132A	E-373	
57212					D	29132B	E-373	
57213					AB	Exposed	E-378B-3	
57214			P1L1LI	LLTSP9B8 PENETRATION TERMINAL BOX (CH 1)	D		E-363	
57215			P1L1LX	LLTSP9B8 PENETRATION TERMINAL BOX (CH 1)	AB		E-351-5, 350	
57300		LLTSP9B9	1LSGLT31B	SG 1 LEVEL XMTR	DD	5761A2	E-356-1	
57301					AB	38232A	E-350	
57302					FF	1LP61A	E-353	
57303					FF	5761A2	E-353	
57304					V	5761A2	E-350	
57305					V	JB3731	E-350	
57306					V	38232A	E-350	
57307			1LSGLT31D	SG 1 LEVEL XMTR	D	29133A	E-373	
57308					D	29133B	E-373	
57309					AB	Exposed	E-378B-3	
57310			P1L1LI	LLTSP9B9 PENETRATION TERMINAL BOX (CH 1)	D		E-363	
57311			P1L1LX	LLTSP9B9 PENETRATION TERMINAL BOX (CH 1)	AB		E-350, 351-5	
57400		PDS2685A	2CRCPD21B	MN FW 2 < SG 2 PRESS	A	2CEC	E-335	

RACEWAY LEGEND (A) = 3-HR FIRE WRAP (B) = 1-HR FIRE WRAP (C) = RADIANT ENERGY SHIELD * = EMBEDDED CONDUIT

APPENDIX B-1

CIRCUIT/SUB-COMPONENT LOCATION SUMMARY BY SYSTEM

ID No.	SYSTEM	COMPONENT	CIRCUIT/ SUB-COMP	DESCRIPTION	FIRE AREA	RACEWAY	RACEWAY DRAWING	CHANGE NO/TYP
57401	SFRCS	PDS2685A	2CRCPD21B	MN FW 2 < SG 2 PRESS	A	2CEB	E-335	
57402					A	2CEA	E-335, 349-2	
57404					DD	2CP92A	E-356-1	
57405					DD	JB5778	E-356-1	
57406					DD	2CEA	E-356-1	
57407					DD	2CEV	E-356-1	
57408					DD	2CPN	E-356-1	
57411					DD	2CPP	E-356-1	
57412					DUCT	36189B*	E-337	
57413					F	2CEC	E-335	
57414					FF	2CP92A	E-353	
57415					FF	2CP92C	E-353	
57416					II	36829A	E-338	
57417					P	36829A	E-338	
57418					Q	36189A	E-338	
57419					Q	2CGE	E-338	
57420					Q	JB3620	E-338	
57421					Q	36189B	E-338	
57422					Q	36829A	E-338	
57500		PDS2685B	2CRCPD41B	MN FW 2 < SG 2 PRESS	A	2CED	E-335	
57501					A	2CEE	E-335	
57504					DD	JB5776	E-356-1	
57505					DD	2CPN	E-356-1	
57506					DD	2CEV	E-356-1	
57507					DD	2CPN	E-356-1	
57509					DD	2CED	E-356-1	
57510					DD	2CP92A	E-356-1	
57511					DUCT	36182B*	E-337, 342	
57512					F	2CEE	E-335	
57513					FF	2CP92C	E-353	
57514					FF	2CP92D	E-353	
57515					FF	2CP92A	E-353	
57516					II	36245A	E-338	
57517					P	36245A	E-338	
57518					R	36245A	E-338	
57519					S	36245A	E-338	
57520					S	36182B	E-338	
57521					S	JB3620	E-338	
57600		PDS2685C	1CRCPD11C	MN FW 2 < SG 2 PRESS	A	27122A	E-335	
57601					A	1CEB	E-335	
57602					CC	27122A	E-347	
57603					DD	1CPL	E-356-1	
57604					DD	27122A	E-356-1	
57605					DD	1CPL	E-356-1	
57606					A	36257A	E-338	
57607					E	1CEB	E-335	
57608					DUCT	36082B*	E-337	
57609					FF	Exposed	E-353	
57610					II	36257A	E-338	
57611					P	36257A	E-338	
57612					R	36257A	E-338	
57613					S	1CGC	E-338	
57614					S	36082A	E-338	
57615					S	JB3607	E-338	
57616					S	36082B	E-338	
57617					S	36257A	E-338	
57618					UU	27122A	E-349-1	
57619			1CRCPD11D	MN FW 2 < SG 2 PRESS	DD	1CPL	E-356	
57620					DD	JB5777	E-356	
57621					DD	1CPL	E-356	
57622					DD	1CP62A	E-356	
57623					FF	1CP61A	E-353	
57624					FF	1CP62A	E-353	
57700		PDS2685D	1CRCPD31C	MN FW 2 < SG 2 PRESS	A	27574A	E-335	
57701					A	1CEC	E-335	
57702					CC	1CJM	E-347	
57703					DD	1CLA	E-356-1	
57704					DD	57303A	E-356-1	
57705					DD	1CJM	E-356-1	
57706					DD	1CPL	E-356-1	
57707					A	36259A	E-338	
57708					E	1CEC	E-335	
57709					DUCT	36090B*	E-337	
57710					FF	Exposed	E-353	
57711					G	1CDB	E-335	
57712					G	27574A	E-335	

RACEWAY LEGEND (A) = 3-HR FIRE WRAP (B) = 1-HR FIRE WRAP (C) = RADIANT ENERGY SHIELD * = EMBEDDED CONDUIT

APPENDIX B-1

CIRCUIT/SUB-COMPONENT LOCATION SUMMARY BY SYSTEM

ID No.	SYSTEM	COMPONENT	CIRCUIT/ SUB-COMP	DESCRIPTION	FIRE AREA	RACEWAY	RACEWAY DRAWING	CHANGE NO/TYP
57713	SFRCS	PDS2685D	1CRCPD31C	MN FW 2 < SG 2 PRESS	II	36259A	E-338	
57714					P	36259A	E-338	
57715					R	36259A	E-338	
57716					S	36259A	E-338	
57717					S	JB3607	E-338	
57718					S	36090B	E-338	
57719					U	1CDB	E-349-3	
57720					U	37525A	E-349-3	
57721					U	1CDB	E-349-3	
57722					U	1CJM	E-349-3	
57800		PDS2686A	1CRCPD11B	MN FW 1 < SG 1 PRESS	CC	1CJL	E-347	
57801					DD	1CPL	E-356-1	
57802					DD	1CJL	E-356-1	
57803					DD	1CPL	E-356-1	
57804					AB	38363A	E-350	
57805					FF	Exposed	E-353	
57806					U	1CJL	E-349-3	
57807					V	38363A	E-350	
57808					V	1CJL	E-350	
57809			1CRCPD11E	MN FW 2 < SG 2 PRESS	DD	1CPL	E-356	
57810					DD	1CP62A	E-356	
57811					DD	JB5777	E-356	
57812					DD	1CPL	E-356	
57813					FF	1CP61A	E-353	
57814					FF	1CP62A	E-353	
57900		PDS2686B	1CRCPD31B	MN FW 1 < SG 1 PRESS	CC	1CJM	E-347	
57901					DD	57303A	E-356-1	
57902					DD	1CJM	E-356-1	
57903					DD	1CLA	E-356-1	
57904					DD	1CPL	E-356-1	
57905					AB	38362A	E-350	
57906					FF	Exposed	E-353	
57907					U	1CJM	E-349-3	
57908					V	1CJM	E-350	
57909					V	38362A	E-350	
58000		PDS2686C	2CRCPD21C	MN FW 1 < SG 1 PRESS	DD	2CEV	E-356-1	
58001					DD	2CPN	E-356-1	
58002					DD	2CPP	E-356-1	
58003					DD	JB5778	E-356-1	
58004					DD	2CPN	E-356-1	
58005					DD	2CP92A	E-356-1	
58006					DD	2CEA	E-356-1	
58007					DD	2CPN	E-356-1	
58008					AB	38360A	E-350	
58009					A	38360A	E-349-2	
58010					A	2CEA	E-349-2	
58011					FF	2CP92A	E-353	
58012					FF	2CP92C	E-353	
58013					U	38360A	E-349-3	
58014					V	38360A	E-350	
58100		PDS2686D	2CRCPD41C	MN FW 1 < SG 1 PRESS	CC	2CEV	E-347	
58101					DD	2CEV	E-356-1	
58102					DD	2CP92A	E-356-1	
58103					AB	38361A	E-350	
58104					FF	2CP92A	E-353	
58105					FF	2CP92C	E-353	
58106					U	2CEV	E-349-3	
58107					U	38361A	E-349-3	
58108					V	38361A	E-350	
58800		PS3687A	2CRCPS21E	MS LINE 2 PRESS	EE	2CRD	E-414	
58802					EE	57161A	E-414	
58803					EE	JB5708	E-414	
58804					EE	57161B	E-414	
58805			2CRCPS21L	MS LINE 1(2) PRESS	DD	2CEV	E-356	
58806					DD	2CPN	E-356	
58807					DD	57162A	E-356	
58808					DD	2CP92A	E-356	
58809					EE	57162A	E-414	
58810					FF	2CP92A	E-353	
58811					FF	2CP92C	E-353	
58901		PS3687C	2CRCPS21I	MS LINE 1 PRESS	EE	2CRB	E-417	
58902					EE	58095B	E-414	
58903			2CRCPS21L	MS LINE 1(2) PRESS	DD	2CEV	E-356	

RACEWAY LEGEND (A) = 3-HR FIRE WRAP (B) = 1-HR FIRE WRAP (C) = RADIANT ENERGY SHIELD * = EMBEDDED CONDUIT

APPENDIX B-1

CIRCUIT/SUB-COMPONENT LOCATION SUMMARY BY SYSTEM

ID No.	SYSTEM	COMPONENT	CIRCUIT/ SUB-COMP	DESCRIPTION	FIRE AREA	RACEWAY	RACEWAY DRAWING	CHANGE NO/TYP
58904	SFRCS	PS3687C	2CRCPS21L	MS LINE 1(2) PRESS	DD	57162A	E-356	
58905					DD	2CPN	E-356	
58906					DD	2CP92A	E-356	
58907					EE	57162A	E-414	
58908					FF	2CP92A	E-353	
58909					FF	2CP92C	E-353	
59000		PS3687E	2CRCPS41E	MS LINE 2 PRESS	EE	2CRD	E-414	
59001					EE	57163A	E-414	
59003					EE	57163C	E-414	
59004					EE	2CRD	E-414	
59005			2CRCPS41L	MS LINE 1(2) PRESS	DD	57162B	E-356	
59006					DD	2CP92A	E-356, 423	
59007					DD	2CEV	E-356	
59008					DD	2CPN	E-356	
59010					EE	57162B	E-414	
59011					FF	2CP92A	E-353	
59012					FF	2CP92C	E-353	
59101		PS3687G	2CRCPS41I	MS LINE 1 PRESS	EE	2CRB	E-417	
59102					EE	58095A	E-414	
59103			2CRCPS41L	MS LINE 1(2) PRESS	DD	2CEV	E-356	
59104					DD	2CPN	E-356	
59106					DD	2CP92A	E-356, 423	
59107					DD	57162B	E-356	
59108					EE	57162B	E-414	
59109					FF	2CP92A	E-353	
59110					FF	2CP92C	E-353	
59200		PS3687K	2CRCPS21G	MS LINE 2 PRESS	EE	JB5708	E-414	
59201					EE	2CRD	E-414	
59202					EE	FLEX	E-414	
59203					EE	57161A	E-414	
59204					EE	57161B	E-414	
59205			2CRCPS21L	MS LINE 1(2) PRESS	DD	57162A	E-356	
59206					DD	2CEV	E-356	
59207					DD	2CP92A	E-356	
59208					DD	2CPN	E-356	
59209					EE	57162A	E-414	
59210					FF	2CP92A	E-353	
59211					FF	2CP92C	E-353	
59300		PS3687L	2CRCPS21H	MS LINE 2 PRESS	EE	JB5708	E-414	
59301					EE	57161A	E-414	
59302					EE	FLEX	E-414	
59303					EE	2CRD	E-414	
59304			2CRCPS21L	MS LINE 1(2) PRESS	DD	2CEV	E-356	
59305					DD	2CP92A	E-356	
59306					DD	57162A	E-356	
59307					DD	2CPN	E-356	
59308					EE	57162A	E-414	
59309					FF	2CP92A	E-353	
59310					FF	2CP92C	E-353	
59400		PS3687M	2CRCPS41G	MS LINE 2 PRESS	EE	FLEX	E-414	
59401					EE	2CRD	E-414	
59403					EE	57163A	E-414	
59404					EE	57163C	E-414	
59405			2CRCPS41L	MS LINE 1(2) PRESS	DD	2CEV	E-356	
59406					DD	57162B	E-356	
59407					DD	2CPN	E-356	
59409					DD	2CP92A	E-356, 423	
59410					EE	57162B	E-414	
59411					FF	2CP92A	E-353	
59412					FF	2CP92C	E-353	
59500		PS3687N	2CRCPS41H	MS LINE 2 PRESS	EE	FLEX	E-414	
59501					EE	2CRD	E-414	
59502					EE	57163A	E-414	
59503			2CRCPS41L	MS LINE 1(2) PRESS	DD	2CEV	E-356	
59504					DD	2CPN	E-356	
59506					DD	57162B	E-356	
59507					DD	2CP92A	E-356, 423	
59508					EE	57162B	E-414	
59509					FF	2CP92C	E-353	
59510					FF	2CP92A	E-353	
59601		PS3689B	1CRCPS11F	MS LINE 1 PRESS	EE	58096A	E-417	
59602					EE	1CRC	E-414	

RACEWAY LEGEND (A) = 3-HR FIRE WRAP (B) = 1-HR FIRE WRAP (C) = RADIANT ENERGY SHIELD * = EMBEDDED CONDUIT

APPENDIX B-1

CIRCUIT/SUB-COMPONENT LOCATION SUMMARY BY SYSTEM

ID No.	SYSTEM	COMPONENT	CIRCUIT/ SUB-COMP	DESCRIPTION	FIRE AREA	RACEWAY	RACEWAY DRAWING	CHANGE NO/TYP
59603	SFRCS	PS3689B	1CRCPS11F	MS LINE 1 PRESS	V	58096A	E-348	
59604			1CRCPS11L	MS LINE 1(2) PRESS	DD	1CP62A	E-356	
59605					DD	1CPL	E-356	
59606					DD	58097A	E-356, 417	
59607					DD	1CPL	E-356	
59609					EE	58097A	E-414	
59610					FF	1CP61A	E-353	
59611					FF	1CP62A	E-353	
59700		PS3689D	1CRCPS11J	MS LINE 2 PRESS	EE	57160B	E-417	
59701					EE	57160C	E-414	
59702			1CRCPS11L	MS LINE 1(2) PRESS	DD	1CPL	E-356	
59703					DD	58097A	E-356, 417	
59704					DD	1CP62A	E-356	
59705					DD	1CPL	E-356	
59707					EE	58097A	E-414	
59708					FF	1CP62A	E-353	
59709					FF	1CP61A	E-353	
59800		PS3689F	1CRCPS31F	MS LINE 1 PRESS	EE	58096B	E-417	
59801					EE	1CRC	E-417	
59803			1CRCPS31L	MS LINE 1(2) PRESS	DD	58097B	E-356, 417	
59804					DD	1CPL	E-356	
59805					DD	58097B	E-356, 417	
59806					DD	1CPM	E-356	
59807					DD	1CP62A	E-356	
59808					EE	58097B	E-414	
59809					FF	1CP62A	E-353	
59810					FF	1CP61A	E-353	
59900		PS3689H	1CRCPS31J	MS LINE 2 PRESS	EE	1CRA	E-414	
59901					EE	57160A	E-414, 417	
59903			1CRCPS31L	MS LINE 1(2) PRESS	DD	58097B	E-356, 417	
59904					DD	1CPM	E-356	
59905					DD	58097B	E-356, 417	
59906					DD	1CP62A	E-356	
59907					DD	1CPL	E-356	
59908					EE	58097B	E-414	
59909					FF	1CP61A	E-353	
59910					FF	1CP62A	E-353	
60000		PS3689K	1CRCPS11G	MS LINE 1 PRESS	EE	FLEX	E-414	
60001					EE	1CRC	E-414	
60002					EE	58096A	E-417	
60003					V	58096A	E-348	
60004			1CRCPS11L	MS LINE 1(2) PRESS	DD	58097A	E-356, 417	
60005					DD	1CP62A	E-356	
60006					DD	1CPL	E-356	
60009					EE	58097A	E-414	
60010					FF	1CP61A	E-353	
60011					FF	1CP62A	E-353	
60100		PS3689L	1CRCPS11H	MS LINE 1 PRESS	EE	FLEX	E-414	
60101					EE	58096A	E-417	
60102					EE	1CRC	E-414	
60103					V	58096A	E-348	
60104			1CRCPS11L	MS LINE 1(2) PRESS	DD	1CPL	E-356	
60106					DD	58097A	E-356, 417	
60107					DD	1CPL	E-356	
60108					DD	1CP62A	E-356	
60109					EE	58097A	E-414	
60110					FF	1CP62A	E-353	
60111					FF	1CP61A	E-353	
60200		PS3689M	1CRCPS31G	MS LINE 1 PRESS	EE	FLEX	E-417	
60201					EE	1CRC	E-417	
60202					EE	58096B	E-417	
60203			1CRCPS31L	MS LINE 1(2) PRESS	DD	58097B	E-356, 417	
60204					DD	1CPL	E-356	
60205					DD	1CP62A	E-356	
60206					DD	58097B	E-356, 417	
60207					DD	1CPM	E-356	
60208					EE	58097B	E-414	
60209					FF	1CP62A	E-353	
60210					FF	1CP61A	E-353	
60300		PS3689N	1CRCPS31H	MS LINE 1 PRESS	EE	58096B	E-417	
60301					EE	1CRC	E-417	
60302					EE	FLEX	E-417	

RACEWAY LEGEND (A) = 3-HR FIRE WRAP (B) = 1-HR FIRE WRAP (C) = RADIANT ENERGY SHIELD * = EMBEDDED CONDUIT

APPENDIX B-1

CIRCUIT/SUB-COMPONENT LOCATION SUMMARY BY SYSTEM

ID No.	SYSTEM	COMPONENT	CIRCUIT/ SUB-COMP	DESCRIPTION	FIRE AREA	RACEWAY	RACEWAY DRAWING	CHANGE NO/TYP
60303	SFRCS	PS3689N	1CRCPS31L	MS LINE 1(2) PRESS	DD	58097B	E-356, 417	
60304					DD	1CP62A	E-356	
60305					DD	1CPL	E-356	
60306					DD	58097B	E-356, 417	
60307					DD	1CPM	E-356	
60308					EE	58097B	E-414	
60309					FF	1CP61A	E-353	
60310					FF	1CP62A	E-353	
60400		RCPM1	1CRCPM11B	RCP MONITOR	A	1CEB	E-335	
60401					A	27122A	E-335	
60402					CC	27122A	E-347	
60403					DD	JB5777	E-356-1	
60404					DD	27122A	E-356-1	
60405					DD	1CPL	E-356-1	
60407					E	36082B	E-335	
60408					E	1CEB	E-335	
60409					DUCT	36082B*	E-337	
60410					FF	Exposed	E-353	
60411					S	1CGC	E-338	
60412					S	36082B	E-338	
60413					S	36082A	E-338	
60414					S	36320A	E-338	
60415					S	JB3607	E-338	
60416					UU	27122A	E-349-1	
60417			1CRCPM11C	RCP MONITOR	DD	JB5777	E-356-1	
60418					DD	1CPL	E-356-1	
60419					DD	1CP62A	E-356-1	
60420					FF	1CP62A	E-353	
60421					FF	1CP61A	E-353	
60500		RCPM2	2CRCPM21B	RCP MONITOR	DD	2CPP	E-356-1	
60501					DD	2CPN	E-356-1	
60502					DD	JB5778	E-356-1	
60503					DD	2CPN	E-356-1	
60504					DD	2CEV	E-356-1	
60505					DD	2CP92A	E-356-1	
60506					DD	2CEA	E-356-1	
60507					DD	2CPN	E-356-1	
60508					DUCT	36189B*	E-337	
60509					F	2CEC	E-335	
60510					F	36189B	E-335	
60511					FF	2CP92A	E-353	
60512					FF	2CP92C	E-353	
60513					Q	36189B	E-338	
60514					Q	36413A	E-338	
60515					Q	36189A	E-338	
60516					Q	JB3620	E-338	
60517					Q	2CGE	E-338	
60518					A	2CEA	E-335, 349-2	
60520					A	2CEB	E-335	
60521					A	2CEC	E-335	
60600		RCPM3	1CRCPM31B	RCP MONITOR	A	27574A	E-335	
60601					A	1CEC	E-335	
60602					CC	1CJM	E-347	
60603					DD	1CLA	E-356-1	
60604					DD	57303A	E-356-1	
60605					DD	1CJM	E-356-1	
60606					DD	1CPL	E-356-1	
60607					E	1CEC	E-335	
60608					E	36090B	E-335	
60609					DUCT	36090B*	E-337	
60610					FF	Exposed	E-353	
60611					G	1CDB	E-335	
60612					G	27574A	E-335	
60613					R	36833A	E-338	
60614					S	36833A	E-338	
60615					S	JB3607	E-338	
60616					S	36090B	E-338	
60617					U	1CJM	E-349-3	
60618					U	37525A	E-349-3	
60619					U	1CDB	E-349-3	
60700		RCPM4	2CRCPM41B	RCP MONITOR	A	2CED	E-335	
60701					A	2CEC	E-335	
60703					DD	2CPN	E-356-1	
60705					DD	JB5776	E-356-1	
60706					DD	2CED	E-349-2	

RACEWAY LEGEND (A) = 3-HR FIRE WRAP (B) = 1-HR FIRE WRAP (C) = RADIANT ENERGY SHIELD * = EMBEDDED CONDUIT

APPENDIX B-1

CIRCUIT/SUB-COMPONENT LOCATION SUMMARY BY SYSTEM

ID No.	SYSTEM	COMPONENT	CIRCUIT/ SUB-COMP	DESCRIPTION	FIRE AREA	RACEWAY	RACEWAY DRAWING	CHANGE NO/TYP
60708	SFRCS	RCPM4	2CRCPM41B	RCP MONITOR	DD	2CEV	E-356-1	
60709					DD	2CP92A	E-356-1	
60710					DD	2CPN	E-356-1	
60711					DUCT	36182B*	E-337, 342	
60712					F	36182B	E-335	
60713					F	2CEE	E-335	
60714					FF	2CP92C	E-353	
60715					FF	2CP92A	E-353	
60716					P	36543A	E-338	
60717					Q	36182B	E-338	
60718					Q	JB3620	E-338	
60719					Q	36543A	E-338	
60900	SWS	P180	AC201	AP1800 CIRCUIT BREAKER (CH. A)	S		E-338	
60901			ACAC201B	AP1800 CONTROL CIRCUIT	FF	ACP20A	E-356-9	
60902					DD	ACP02B	E-356-9	
60903					DD	ACPG	E-356-2	
60904					DD	ACPR	E-356-2	
60905					DD	ACPJ	E-356-2	
60906					II	ACGF	E-338, 347	
60907					S	ACGF	E-338, 351-1	
60908					S	36529A	E-338, 351-1	
60909			ACAC201C	AP1800 CONTROL CIRCUIT	FF	ACP20A	E-356-9	
60910					DD	ACP20A	E-356-9	
60911					DD	ACPG	E-356-2	
60912					DD	ACPR	E-356-2	
60913					DD	ACPJ	E-356-2	
60914					II	ACGF	E-338, 347	
60915					S	ACGF	E-338, 351-1	
60916					S	36529A	E-338, 351-1	
60928			AP1800	MP1800 MOTOR STARTER (CH. A)	BD		E-361	
60917			APAC201A	AP1800 CONTROL CIRCUIT	BD	36012H	E-361	
60918					MG	JB30D4	E-361	
60919					BG	36012D	E-361	
60920					DUCT	36012C*	E-304, 360	
60921					MA	Exposed	E-304, 309	
60922					DUCT	36012B*	E-305, 307	
60922A					DUCT	36012A*	E-337, 341	
60923					S	36012A	E-338	
60924			APAP1800A	MP1800 POWER CIRCUIT	BD	30841B	E-361	
60925			APAP1800B	MP1800 POWER CIRCUIT	BD	30841B	E-361	
60926			C5720	AP1800 CONTROL ROOM PANEL (CH. A)	FF		E-353	
60927			MP1800	BACKUP SERVICE WATER PUMP MOTOR (CH. A)	BD		E-361	
61000		P3-1	1CAC107B	MP0031 CONTROL CIRCUIT	FF	1CP16A	E-356-8	
61001					DD	1CP16A	E-356-8	
61002					DD	1CPL	E-356-1	
61003					DD	27121A	E-356-1	
61004					CC	27121A	E-347	
61005					UU	27121A	E-349-1	
61006					A	27121A	E-335	
61007					A	1CEB	E-335	
61008					E	1CEB	E-335, 342	
61009					DUCT	36082B*	E-337, 342	
61010					S	36082B	E-338	
61011					S	JB3607	E-338, 418	
61012					S	36082A	E-338, 418	
61013					S	1CGC	E-338, 418	
61014					S	36513A	E-338, 351-1	
61015					S	1CGZ	E-338, 351-1	
61016			1CAC107C	MP0031 CONTROL CIRCUIT	FF	1CP16A	E-356-8	
61017					DD	1CP16A	E-356-8	
61018					DD	1CPL	E-356-6, 356-1	
61019					DD	27121A	E-356-6, 356-1	
61020					CC	27121A	E-347	
61021					UU	27121A	E-349-1	
61022					A	27121A	E-335	
61023					A	1CEB	E-335	
61024					E	1CEB	E-335, 342	
61025					DUCT	36082B*	E-337, 342	
61026					S	36082B	E-338	
61027					S	JB3607	E-338, 418	
61028					S	36082A	E-338, 418	
61029					S	1CGC	E-338, 418	
61030					S	36513A	E-338, 351-1	
61031					S	1CGZ	E-338, 351-1	
61032			1CAC107E	MP0031 CONTROL CIRCUIT	BF	36004G	E-361	
61033					BF	36004F	E-361	
61034					BF	JB3014	E-361	

RACEWAY LEGEND (A) = 3-HR FIRE WRAP (B) = 1-HR FIRE WRAP (C) = RADIANT ENERGY SHIELD * = EMBEDDED CONDUIT

APPENDIX B-1

CIRCUIT/SUB-COMPONENT LOCATION SUMMARY BY SYSTEM

ID No.	SYSTEM	COMPONENT	CIRCUIT/ SUB-COMP	DESCRIPTION	FIRE AREA	RACEWAY	RACEWAY DRAWING	CHANGE NO/TYP
61035	SWS	P3-1	1CAC107E	MP0031 CONTROL CIRCUIT	BF	36004E	E-361	
61036					BG	36004E (A)	E-361	
61037					DUCT	36004D*	E-326, 360	
61038					MA	1CAM	E-304, 309	
61039					DUCT	36004C*	E-337, 342	
61040					S	36004B	E-337	
61041					S	36004A	E-351-1	
61042					S	36513A	E-338, 351-1	
61043					S	1CGZ	E-338, 351-1	
61044			1CAC107F	MP0031 CONTROL CIRCUIT	FF	1CP63C	E-424	
61045					DD	1CP63C	E-424	
61046					DD	1CPL	E-356-6, 356-1	
61047					DD	27121A	E-356-6, 356-1	
61048					CC	27121A	E-347	
61049					UU	27121A	E-349-1	
61050					A	27121A	E-335	
61051					A	1CEB	E-335	
61052					E	1CEB	E-335, 342	
61053					DUCT	36082B*	E-337, 342	
61054					S	36082B	E-338	
61055					S	JB3607	E-338, 418	
61056					S	36082A	E-338, 418	
61057					S	1CGC	E-338, 418	
61058					S	36513A	E-338	
61059					S	1CGZ	E-338	
61060			1CAC107G	MP0031 CONTROL CIRCUIT	R	36311A	E-338	14 D
61061					S	36311A	E-338	14 D
61062					S	1CGC	E-338	14 D
61063					S	36513A	E-338	14 D
61064					S	1CGZ	E-338	14 D
61060A			1CAC107H	MP0031 CONTROL CIRCUIT AC107	S	36513A	E-338	A
61061A					S	1CGZ	E-338	A
61062A					S	36517A	E-338	A
61065			1PAC107A	MP0031 POWER CIRCUIT	BF	36005D	E-361	
61066					BG	36005D (A)	E-361	
61067					DUCT	36005C*	E-304, 360	
61068					MA	1PAM	E-304, 309	
61069					DUCT	36005B*	E-305, 307	
61070					S	36005A	E-337	
61071			AC107	MP0031 CIRCUIT BREAKER (CH. 1)	S		E-338	
61078			AC109	MP033 CIRCUIT BREAKER (INTLK)(CH 1)	S		E-338	
61072			ACD4	MP0031 TRANSFER SWITCH (CH. 1)	R		E-338	D
61077			C5716	MP0031 CONTROL CIRCUIT	FF		E-353	
61073			C5763C	MP0031 CONTROL ROOM PANEL (CH. 1)	FF		E-353	
61074			DS1-CD7	MP0031 DISCONNECT SWITCH (CH.1)	S		E-338	
61075			MP0031	SERVICE WATER PUMP 1 (CH. 1)	BF		E-361	
61076			NP0031	MP0031 LOCAL CONTROLLER (CH. 1)	BF		E-361	
61100		P3-2	2CAD107B	MP0032 CONTROL CIRCUIT	DD	2CED	E-356-7	
61101					A	2CED	E-335, 349-2	
61102					FF	2CP16C	E-356-8	
61103					DD	2CP16C	E-356-8	
61104					DD	2CPN	E-356-7	
61105					A	2CEE	E-335	
61106					F	2CEE	E-335	
61107					DUCT	36191B*	E-337, 342	
61108					Q	36191B	E-338	
61109					Q	JB3620	E-338, 418	
61110					Q	36191A	E-338, 418	
61111					Q	36713A	E-338	
61112					Q	2CGE	E-338	
61113			2CAD107C	MP0032 CONTROL CIRCUIT	FF	2CP16C	E-356-8	
61114					DD	2CP16C	E-356-8	
61115					DD	2CPN	E-356-7	
61116					DD	2CED	E-356-7	
61117					A	2CED	E-335, 349-2	
61118					A	2CEE	E-335	
61119					F	2CEE	E-335	
61120					DUCT	36191B*	E-337, 342	
61121					Q	36191B	E-338	
61122					Q	JB3620	E-338, 418	
61123					Q	36191A	E-338, 418	
61124					Q	36713A	E-338	
61125					Q	2CGE	E-338	
61126			2CAD107E	MP0032 CONTROL CIRCUIT	BF	36104G	E-361	
61127					BF	JB3015	E-361	
61128					BF	36104F	E-361	
61129					BF	JB3023	E-361	
61130					BF	36104E	E-361	

RACEWAY LEGEND (A) = 3-HR FIRE WRAP (B) = 1-HR FIRE WRAP (C) = RADIANT ENERGY SHIELD * = EMBEDDED CONDUIT

APPENDIX B-1

CIRCUIT/SUB-COMPONENT LOCATION SUMMARY BY SYSTEM

ID No.	SYSTEM	COMPONENT	CIRCUIT/ SUB-COMP	DESCRIPTION	FIRE AREA	RACEWAY	RACEWAY DRAWING	CHANGE NO/TYP
61131	SWS	P3-2	2CAD107E	MP0032 CONTROL CIRCUIT	BG	36104E	E-361	
61132					DUCT	36104D*	E-304, 360	
61133					MA	2CAM	E-304, 309	
61134					DUCT	36104C*	E-305, 307	
61135					DUCT	36104B*	E-337, 342	
61136					Q	36104A	E-338	
61137					Q	36713A	E-338	
61138					Q	2CGE	E-338	
61139			2CAD107F	MP0032 CONTROL CIRCUIT	FF	2CP56C	E-424	
61140					DD	2CP56C	E-424	
61141					DD	2CPN	E-356-7	
61142					DD	2CED	E-356-7	
61143					A	2CED	E-335, 349-2	
61144					A	2CEE	E-335	
61145					F	2CEE	E-335	
61146					DUCT	36191B*	E-337, 342	
61147					Q	36191B	E-338	
61148					Q	JB3620	E-338, 418	
61149					Q	36191A	E-338, 418	
61150					Q	36713A	E-338	
61151					Q	2CGE	E-338	
61152			2CAD107G	MP0032 CONTROL CIRCUIT	R	36412A	E-338	14 D
61153					Q	36412A	E-338	14 D
61154					Q	36713A	E-338	14 D
61155					Q	2CGE	E-338	14 D
61152A			2CAD107H	MP0032 CONTROL CIRCUIT AD107	Q	36713A	E-338	A
61153A					Q	2CGE	E-338	A
61154A					Q	36717A	E-338	A
61156			2PAD107A	MP0032 POWER CIRCUIT	BF	36105D	E-361	
61157					BG	36105D	E-361	
61158					DUCT	36105C*	E-304, 360	
61159					MA	Exposed	E-304, 309	
61160					DUCT	36105B*	E-307, 305	
61161					Q	36105A	E-337	
61162			ACD5	MP0032 TRANSFER SWITCH (CH. 2)	R		E-338	D
61163			AD107	MP0032 CIRCUIT BREAKER (CH. 2)	Q		E-338	
61168			AD109	MP033 CIRCUIT BREAKER (INTLK)(CH 2)	Q		E-338	
61167			C5716	MP0032 CONTROL RM PANEL	FF		E-356-8	
61164			C5756C	MP0032 CONTROL ROOM PANEL (CH. 2)	FF		E-353	
61165			MP0032	SERVICE WATER PUMP 2 (CH. 2)	BF		E-361	
61166			NP0032	MP0032 LOCAL CONTROLLER (CH. 2)	BF		E-361	
61200		P3-3	1CAC109B	MP0033 CONTROL CIRCUIT	FF	1CP16A	E-356-8	
61201					DD	1CP16A	E-356-8	
61202					DD	27121A	E-356-6, 356-1	
61203					DD	1CPL	E-356-6, 356-1	
61204					CC	27121A	E-347	
61205					UU	27121A	E-349-1	
61206					A	27121A	E-335	
61207					A	1CEB	E-335	
61208					E	1CEB	E-335, 342	
61209					DUCT	36082B*	E-337, 342	
61210					S	36082B	E-338	
61211					S	JB3607	E-338	
61212					S	36082A	E-338, 418	
61213					S	1CGC	E-338, 418	
61214					S	36517A	E-338, 351-1	
61215					S	1CGZ	E-338, 351-1	
61216			1CAC109C	MP0033 CONTROL CIRCUIT	UU	27121A	E-349-1	
61217					FF	1CP16A	E-356-8	
61218					DD	1CP16A	E-356-8	
61219					DD	1CPL	E-356-6, 356-1	
61220					DD	27121A	E-356-6, 356-1	
61221					CC	27121A	E-347	
61222					A	27121A	E-335	
61223					A	1CEB	E-335	
61224					E	1CEB	E-335, 342	
61225					DUCT	36082B*	E-337, 342	
61226					S	36082B	E-338	
61227					S	JB3607	E-338, 418	
61228					S	36082A	E-338, 418	
61229					S	1CGC	E-338, 418	
61230					S	36517A	E-338, 351-1	
61231					S	1CGZ	E-338, 351-1	
61232			1CAC109D	MP0033 CONTROL CIRCUIT	FF	1CP63D	E-424	
61233					DD	1CP63D	E-424	
61234					DD	1CPL	E-356-6, 356-1	
61235					DD	27121A	E-356-6, 356-1	
61236					CC	27121A	E-347	

RACEWAY LEGEND (A) = 3-HR FIRE WRAP (B) = 1-HR FIRE WRAP (C) = RADIANT ENERGY SHIELD * = EMBEDDED CONDUIT

APPENDIX B-1

CIRCUIT/SUB-COMPONENT LOCATION SUMMARY BY SYSTEM

ID No.	SYSTEM	COMPONENT	CIRCUIT/ SUB-COMP	DESCRIPTION	FIRE AREA	RACEWAY	RACEWAY DRAWING	CHANGE NO/TYP
61237	SWS	P3-3	1CAC109D	MP0033 CONTROL CIRCUIT	UU	27121A	E-349-1	
61238					A	27121A	E-335	
61239					A	1CEB	E-335	
61240					E	1CEB	E-335, 342	
61241					DUCT	36082B*	E-337, 342	
61242					S	36082B	E-338	
61243					S	JB3607	E-338, 418	
61244					S	36082A	E-338, 418	
61245					S	1CGC	E-338, 418	
61246					S	36517A	E-338, 351-1	
61247					S	1CGZ	E-338, 351-1	
61248			1CAC109E	MP0033 CONTROL CIRCUIT	R	36311A	E-338	14 D
61249					S	36311A	E-338	14 D
61250					S	1CGC	E-338	14 D
61251					S	36517A	E-338, 351-1	14 D
61252					S	1CGZ	E-338, 351-1	14 D
61253			1CAC109F	MP0033 CONTROL CIRCUIT	BF	36004G	E-361	
61254					BF	36004F	E-361	
61255					BF	JB3014	E-361	
61256					BF	36004E	E-361	
61257					BG	36004E	E-361	
61258					DUCT	36004D*	E-326, 360	
61259					MA	1CAM	E-304, 309	
61260					DUCT	36004C*	E-337, 342	
61261					S	36004B	E-337	
61262					S	36004A	E-351-1	
61263					S	36517A	E-338, 351-1	
61264					S	1CGZ	E-338, 351-1	
61265			1CAC109G	MP0033 CONTROL CIRCUIT	FF	1CP15A	E-356-8	
61266					DD	1CP15A	E-356-8	
61267					DD	1CPL	E-356-6	
61268					DD	1CPM	E-356-6	
61269					DD	1CP16A	E-356-8	
61270					FF	1CP16A	E-356-8	
61271			1CACD4D	MP0033 CONTROL CIRCUIT	S	36517A	E-338, 351-1	
61272					S	1CGZ	E-338, 351-1	
61273					S	1CGC	E-338	
61274					S	36311A	E-338	
61275					R	36311A	E-338	
61276			1CACD4E	MP0033 CONTROL CIRCUIT	FF	1CP15A	E-356-8	
61277					DD	1CP15A	E-356-8	
61278					DD	1CPL	E-356-6, 356-1	
61279					DD	27121A	E-356-6, 356-1	
61280					CC	27121A	E-347	
61281					UU	27121A	E-349-1	
61282					A	27121A	E-335	
61283					A	1CEB	E-335	
61284					E	1CEB	E-335, 342	
61285					DUCT	36079B*	E-337, 342	
61286					S	36079B	E-338	
61287					S	JB3607	E-338, 418	
61288					S	36079A	E-338, 418	
61289					S	1CGC	E-338, 418	
61290					S	36517A	E-338, 351-1	
61291					S	1CGZ	E-338, 351-1	
61248A			1CACD4F	MP0033 CONTROL CIRCUIT	R	36311A	E-338	A
61249A					S	36311A	E-338	A
61250A					S	1CGC	E-338	A
61251A					S	36517A	E-338, 351-1	A
61252A					S	1CGZ	E-338, 351-1	A
61292			1PAC109A	MP0033 POWER CIRCUIT	R	36308A	E-338	
61293					S	36308A	E-338	
61381A			1PD1P08A	CONTROL POWER TO TRANSFER SWGR 4-ACD4	R	46198B	E-338	
61381B					R	46198A	E-338	
61381C					S	46198A	E-338	
61381D					Y	46198A	E-338	
61294			2CACD5D	MP0033 CONTROL CIRCUIT	Q	36717A	E-351-2	
61295					Q	2CGE	E-338	
61296					Q	36412A	E-338	
61297					R	36412A	E-338	
61298			2CACD5E	MP0033 CONTROL CIRCUIT	DD	2CPP	E-356-7	
61299					DD	2CEA	E-356-7	
61300					A	2CEA	E-335, 349-2	
61301					A	2CEB	E-335	
61302					FF	2CP15C	E-356-8	
61303					DD	2CP15C	E-356-8	
61304					DD	2CPN	E-356-7	
61305					A	2CEC	E-335	
61306					F	2CEC	E-335	

RACEWAY LEGEND (A) = 3-HR FIRE WRAP (B) = 1-HR FIRE WRAP (C) = RADIANT ENERGY SHIELD * = EMBEDDED CONDUIT

APPENDIX B-1

CIRCUIT/SUB-COMPONENT LOCATION SUMMARY BY SYSTEM

ID No.	SYSTEM	COMPONENT	CIRCUIT/ SUB-COMP	DESCRIPTION	FIRE AREA	RACEWAY	RACEWAY DRAWING	CHANGE NO/TYP
61307	SWS	P3-3	2CACD5E	MP0033 CONTROL CIRCUIT	DUCT	36192B*	E-337, 342	
61308					Q	36192B	E-338	
61309					Q	JB3620	E-338, 418	
61310					Q	36192A	E-338, 418	
61311					Q	36717A	E-351-2, 338	
61312					Q	2CGE	E-351-2, 338	
61352A			2CACD5F	MP0033 CONTROL CIRCUIT	R	36412A	E-338	A
61353A					Q	36412A	E-338	A
61354A					Q	2CGE	E-338, 351-2	A
61355A					Q	36717A	E-338, 351-2	A
61313			2CAD109B	MP0033 CONTROL CIRCUIT	FF	2CP16C	E-356-8	
61314					DD	2CP16C	E-356-8	
61315					DD	2CPN	E-356-7	
61316					DD	2CED	E-356-7	
61317					A	2CED	E-335, 349-2	
61318					A	2CEE	E-335	
61319					F	2CEE	E-335	
61320					DUCT	36191B*	E-337, 342	
61321					Q	36191B	E-338	
61322					Q	JB3620	E-338, 418	
61323					Q	36191A	E-338, 418	
61324					Q	36717A	E-338, 351-2	
61325					Q	2CGE	E-338, 351-2	
61326			2CAD109C	MP0033 CONTROL CIRCUIT	FF	2CP16C	E-356-8	
61327					DD	2CP16C	E-356-8	
61328					DD	2CPN	E-356-7	
61329					DD	2CED	E-356-7	
61330					A	2CED	E-335, 349-2	
61331					A	2CEE	E-335	
61332					F	2CEE	E-335	
61333					DUCT	36191B*	E-337, 342	
61334					Q	36191B	E-338	
61335					Q	JB3620	E-338, 418	
61336					Q	36191A	E-338, 418	
61337					Q	36717A	E-338, 351-2	
61338					Q	2CGE	E-338, 351-2	
61339			2CAD109D	MP0033 CONTROL CIRCUIT	FF	2CP56D	E-424	
61340					DD	2CP56D	E-424	
61341					DD	2CPN	E-356-7	
61342					DD	2CED	E-356-7	
61343					A	2CED	E-335,349-2	
61344					A	2CEE	E-335	
61345					F	2CEE	E-335	
61346					DUCT	36191B*	E-337, 342	
61347					Q	36191B	E-338	
61348					Q	JB3620	E-338, 418	
61349					Q	36191A	E-338, 418	
61350					Q	36717A	E-338, 351-2	
61351					Q	2CGE	E-338, 351-2	
61352			2CAD109E	MP0033 CONTROL CIRCUIT	R	36412A	E-338	14 D
61353					Q	36412A	E-338	14 D
61354					Q	36717A	E-338, 351-2	14 D
61355					Q	2CGE	E-338, 351-2	14 D
61356			2CAD109F	MP0033 CONTROL CIRCUIT	BF	36104G	E-361	
61357					BF	JB3015	E-361	
61358					BF	36104F	E-361	
61359					BF	JB3023	E-361	
61360					BF	36104E	E-361	
61361					BG	36104E	E-361	
61362					DUCT	36104D*	E-304, 360	
61363					MA	2CAM	E-304, 309	
61364					DUCT	36104C*	E-307, 305	
61365					DUCT	36104B*	E-337, 342	
61366					Q	36104A	E-338	
61367					Q	36717A	E-338	
61368					Q	2CGE	E-338	
61369			2CAD109G	MP0033 CONTROL CIRCUIT	FF	2CP15C	E-356-8	
61370					DD	2CP15C	E-356-8	
61371					DD	2CPN	E-356-7	
61372					DD	2CP16C	E-356-8	
61373					FF	2CP16C	E-356-8	
61374			2PAD109A	MP0033 POWER CIRCUIT	R	36408A	E-338	
61375					Q	36408A	E-338	
61381E			2PD2P08A	CONTROL POWER TO TRANSFER SWGR 5-ACD5	R	36342C	E-338	
61381F					R	36342A	E-338	
61381G					Q	36342A	E-338	
61381H					Q	JB3640	E-338	
61381I					Q	46823B	E-338	
61381J					X	46823B	E-346	

RACEWAY LEGEND (A) = 3-HR FIRE WRAP (B) = 1-HR FIRE WRAP (C) = RADIANT ENERGY SHIELD * = EMBEDDED CONDUIT

APPENDIX B-1

CIRCUIT/SUB-COMPONENT LOCATION SUMMARY BY SYSTEM

ID No.	SYSTEM	COMPONENT	CIRCUIT/ SUB-COMP	DESCRIPTION	FIRE AREA	RACEWAY	RACEWAY DRAWING	CHANGE NO/TYP
61379	SWS	P3-3	3PACD06A	MP0033 POWER CIRCUIT	MA	3PAM	E-304, 309	
61376			3PACD6A	MP0033 POWER CIRCUIT	BF	36201D	E-361	
61377					BG	36201D	E-361	
61378					DUCT	36201C*	E-304, 360	
61380					DUCT	36201B*	E-307, 305	
61381					R	36201A	E-337	
61382			AC109	MP0033 CIRCUIT BREAKER (CH. 1)	S		E-338	
61383			ACD4	MP0033 TRANSFER SWITCH (CH. 1)	R		E-338	
61384			ACD5	MP0033 TRANSFER SWITCH (CH. 2)	R		E-338	
61385			ACD6	MP0033 TRANSFER SWITCH (CH. 3)	R		E-338	
61386			AD109	MP0033 CIRCUIT BREAKER (CH. 2)	Q		E-338	
61387			C5715	MP0033 CONTROL ROOM PANEL (CH. 1/2)	FF		E-353	
61394			C5716	MP0033 CONTROL CIRCUIT	FF		E-353	
61388			C5756D	MP0033 CONTROL ROOM PANEL (CH. 2)	FF		E-353	
61389			C5763D	MP0033 CONTROL ROOM PANEL (CH. 1)	FF		E-353	
61390			DS1-CD9	MP0033 DISCONNECT SWITCH (CH.1/2)	S		E-338	
61391			MP0033	SERVICE WATER PUMP 3 (CH. 1/2)	BF		E-361	
61392			NP0033-1	MP0033 LOCAL CONTROLLER (CH. 1)	BF		E-361	
61393			NP0033-2	MP0033 LOCAL CONTROLLER (CH. 2)	BF		E-361	
61403		SW1356	1CV1356B	SV1356 CONTROL CIRCUIT	A	37800D	E-349-2	
61404					A	JB3725	E-349-2	
61405					A	37800B	E-349-2	
61406			1CV1356C	SV1356 CONTROL CIRCUIT	A	Flex	E-349-2	
61407					A	JB3710	E-349-2	
61408					A	37800E	E-349-2	
61409			1CV1356D	SV1356 CONTROL CIRCUIT	FF	1CP16A	E-356-8	
61410					DD	1CP16A	E-356-8	
61411					DD	1CPL	E-356-6	
61412					CC	1CJL	E-347	
61413					U	1CJL	E-349-3	
61414					V	1CJL	E-349-3	
61415					A	37805C	E-349-2	
61416			1CV1356E	SV1356 CONTROL CIRCUIT	Y	46548A	E-346	
61417					Y	1CKA	E-346	
61418					Y	1CKD	E-346	
61419					Y	46051B*	E-343,344,355	
61419A					X	46051B*	E-343, 344, 355	
61419B					DF	46051B*	E-343, 344, 355	
61419C					A	46051B*	E-343, 344, 355	
61419D					DD	46051B*	E-343, 344, 355	
61420					DD	46051A	E-356-1	
61421					DD	1CJL	E-356-1	
61422					DD	1CPL	E-356-6	
61423					DD	1CJL	E-356-6	
61424					CC	1CJL	E-347	
61425					U	1CJL	E-349-3	
61426					V	1CJL	E-349-3	
61427					V	37805C	E-349-3	
61428					A	37805C	E-349-2	
61429			1CV1356F	SV1356 CONTROL CIRCUIT	A	37800G	E-349-2	
61430					A	JB3725	E-349-2	
61431					A	37800B	E-349-2	
61436			C5716	SV1356 CONTROL ROOM PANEL	FF		E-356-8	
61432			NV1356	SV1356 LOCAL CONTROLLER (CH. 1)	A		E-349-2	
61433			RC3701	SV1356 RELAY CABINET (CH. 1)	A		E-349-2	
61435			SV1356B	CTMT AIR CLR 1 OUT ISO VLV SOLENOID	A		E-349-2	
61503		SW1357	2CV1357B	SV1357 CONTROL CIRCUIT	A	37802D	E-349-2	
61504					A	JB3726	E-349-2	
61505					A	37802B	E-349-2	
61506			2CV1357C	SV1357 CONTROL CIRCUIT	A	37804C	E-349-2	
61507			2CV1357D	SV1357 CONTROL CIRCUIT	FF	2CP16C	E-356-8	
61508					DD	2CP16C	E-356-8	
61509					DD	2CPN	E-356-7	
61510					DD	2CPP	E-356-7	
61511					DD	2CEA	E-356-7	
61512					A	2CEA	E-349-2	
61513					A	37806A	E-349-2	
61514					A	37806A	E-349-2	
61515					A	37802A	E-349-2	
61516			2CV1357E	SV1357 CONTROL CIRCUIT	X	46743A	E-346	
61517					X	46892A	E-346	
61518					X	2CKM	E-346	
61519					X	2CKL	E-346	
61520					X	36729A	E-346	
61521					Q	36729A	E-338	
61522					Q	36192A	E-338, 418	
61523					Q	2CGE	E-338, 418	

RACEWAY LEGEND (A) = 3-HR FIRE WRAP (B) = 1-HR FIRE WRAP (C) = RADIANT ENERGY SHIELD * = EMBEDDED CONDUIT

APPENDIX B-1

CIRCUIT/SUB-COMPONENT LOCATION SUMMARY BY SYSTEM

ID No.	SYSTEM	COMPONENT	CIRCUIT/ SUB-COMP	DESCRIPTION	FIRE AREA	RACEWAY	RACEWAY DRAWING	CHANGE NO/TYP
61524	SWS	SW1357	2CV1357E	SV1357 CONTROL CIRCUIT	Q	JB3620	E-338, 418	
61525					Q	36192B	E-338	
61526					DUCT	36192B*	E-337, 342	
61527					F	2CEC	E-335	
61528					A	2CEC	E-335	
61529					A	2CEB	E-335	
61530					A	2CEA	E-335, 349-2	
61531					A	37806B	E-335, 349-2	
61532					A	37806B	E-349-2	
61533			2CV1357F	SV1357 CONTROL CIRCUIT	A	37802F	E-349-2	
61534					A	JB3726	E-349-2	
61535					A	37802B	E-349-2	
61540			C5716	SC1357 CONTROL ROOM PANEL	FF		E-356-8	
61536			NV1357	SV1357 LOCAL CONTROLLER (CH. 2)	A		E-349-2	
61537			RC3702	SV1357 RELAY CABINET (CH. 2)	A		E-349-2	
61539			SV1357B	CTMT AIR CLR 2 OUT ISO VLV SOLENOID	A		E-349-2	
61600		SW1358	1CV1358AG	SV1358 CONTROL CIRCUIT	Y	46547A	E-346	
61601					Y	1CKA	E-346	
61602					Y	1CKD	E-346	
61603					Y	46051B*	E-343,344,355	
61603A					X	46051B*	E-343, 344, 355	
61603B					DF	46051B*	E-343, 344, 355	
61603C					A	46051B*	E-343, 344, 355	
61603D					DD	46051B*	E-343, 344, 355	
61604					DD	46051A	E-356-1	
61605					DD	1CPL	E-356-1	
61606					DD	1CJL	E-356-6	
61607					CC	1CJL	E-347	
61608					U	1CJL	E-349-3	
61609					V	1CJL	E-349-3	
61610					V	37805C	E-349-3	
61611					A	37805C	E-349-2	
61612			1CV1358AH	SV1358 CONTROL CIRCUIT	Y	46521A	E-346	
61613					Y	46521A	E-346	
61614					Y	1CKA	E-346	
61615					Y	1CKD	E-346	
61616					Y	46056B*	E-343,344,356-1	
61616A					X	46056B*	E-343,344,355	
61616B					DF	46056B*	E-343,344,355	
61616C					A	46056B*	E-343,344,355	
61616D					DD	46056B*	E-343,344,355	
61617					DD	46056A	E-356-1	
61618					DD	1CPM	E-356-1	
61619					DD	1CPT	E-356-6	
61620					DD	1CPL	E-356-6	
61621					DD	1CJL	E-356-6	
61622					CC	1CJL	E-347	
61623					U	1CJL	E-349-3	
61624					V	1CJL	E-349-3	
61625					V	37805A	E-349-3	
61626					A	37805A	E-349-2	
61627					A	37800A	E-349-2	
61628			1CV1358AI	SV1358 CONTROL CIRCUIT	FF	1CP16A	E-356-8	
61629					DD	1CP16A	E-356-8	
61630					DD	1CPL	E-356-6	
61631					CC	1CJL	E-347	
61632					U	1CJL	E-349-3	
61633					V	1CJL	E-349-3	
61634					A	37805C	E-349-2	
61635			1CV1358AJ	SV1358 CONTROL CIRCUIT	Y	46521A	E-346	
61636					Y	46521A	E-346	
61637					Y	1CKA	E-346	
61638					Y	1CKD	E-346	
61639					Y	46058B*	E-343,344,356-1	
61639A					X	46058B*	E-343,344,356-1	
61639B					DF	46058B*	E-343,344,355	
61639C					A	46058B*	E-343,344,355	
61639D					DD	46058B*	E-343,344,355	
61640					DD	46058A	E-356-1	
61641					DD	1CJL	E-356-1	
61642					DD	1CPT	E-356-6	
61643					DD	1CPL	E-356-6	
61644					DD	1CJL	E-356-6	
61645					CC	1CJL	E-347	
61646					U	1CJL	E-349-3	
61647					V	1CJL	E-349-3	
61648					A	37805C	E-349-2	
61649			1CV1358AK	SV1358 CONTROL CIRCUIT	FF	1CP16A	E-356-8	

RACEWAY LEGEND (A) = 3-HR FIRE WRAP (B) = 1-HR FIRE WRAP (C) = RADIANT ENERGY SHIELD * = EMBEDDED CONDUIT

APPENDIX B-1

CIRCUIT/SUB-COMPONENT LOCATION SUMMARY BY SYSTEM

ID No.	SYSTEM	COMPONENT	CIRCUIT/ SUB-COMP	DESCRIPTION	FIRE AREA	RACEWAY	RACEWAY DRAWING	CHANGE NO/TYP
61650	SWS	SW1358	1CV1358AK	SV1358 CONTROL CIRCUIT	DD	1CP16A	E-356-8	
61651					DD	1CPL	E-356-6	
61652					DD	1CJM	E-356-6	
61653					CC	1CJM	E-347	
61654					U	1CJM	E-349-3	
61655					U	37137A	E-349-3	
61656					A	37137A	E-349-2	
61657					A	JB3725	E-349-2	
61658					A	Nipple	E-349-2	
61659			1CV1358AL	SV1358 CONTROL CIRCUIT	FF	1CP16A	E-356-8	
61660					DD	1CP16A	E-356-8	
61661					DD	1CPL	E-356-6	
61662					DD	1CJM	E-356-6	
61663					CC	1CJM	E-347	
61664					U	1CJM	E-349-3	
61665					U	37137A	E-349-3	
61666					A	37137B	E-349-2	
61667			2CV1358BG	SV1358 CONTROL CIRCUIT	X	46743A	E-346	
61668					X	2CKM	E-346	
61669					DF	2CKM	E-346, 347	
61670					DD	2CKM	E-356-7	
61671					DD	2CPN	E-356-7	
61672					DD	2CPP	E-356-7	
61673					DD	2CEA	E-356-7	
61674					A	2CEA	E-349-2	
61675					A	37806A	E-349-2	
61676					A	37806A	E-349-2	
61677					A	37802A	E-349-2	
61678			2CV1358BH	SV1358 CONTROL CIRCUIT	Y	46072A	E-343	
61679					Y	46072A*	E-344, 343	
61679A					S	46072A*	E-343, 344	
61679B					Y	46072A*	E-343, 344	
61679C					X	46072A*	E-343, 344	
61679D					Q	46072A*	E-343, 344	
61679E					R	46072A*	E-343, 344	
61679F					P	46072A*	E-343, 344	
61679G					A	46072A*	E-343, 344	
61679H					DF	46072A*	E-343, 344	
61680					DF	46072B	E-347	
61681					DF	2CKM	E-347	
61682					DD	2CKM	E-356-7	
61683					DD	2CPN	E-356-7	
61684					DD	2CPP	E-356-7	
61685					DD	2CEA	E-356-7	
61686					A	2CEA	E-349-2	
61687					A	37806B	E-349-2	
61688					A	37806B	E-349-2	
61689			2CV1358BI	SV1358 CONTROL CIRCUIT	FF	2CP16C	E-356-8	
61690					DD	2CP16C	E-356-8	
61691					DD	2CPN	E-356-7	
61692					DD	2CPP	E-356-7	
61693					DD	2CEA	E-356-7	
61694					A	2CEA	E-349-2	
61695					A	37806A	E-349-2	
61696					A	37806A	E-349-2	
61697					A	37802A	E-349-2	
61698			2CV1358BJ	SV1358 CONTROL CIRCUIT	Y	46072A	E-343	
61699					Y	46072A*	E-343, 344	
61699A					S	46072A*	E-343, 344	
61699B					Y	46072A*	E-343, 344	
61699C					X	46072A*	E-343, 344	
61699D					Q	46072A*	E-343, 344	
61699E					R	46072A*	E-343, 344	
61699F					P	46072A*	E-343, 344	
61699G					A	46072A*	E-343, 344	
61699H					DF	46072A*	E-343, 344	
61700					DF	46072B	E-347	
61701					DF	2CKM	E-347	
61702					DD	2CKM	E-356-7	
61703					DD	2CPR	E-356-7	
61704					DD	2CLA	E-356-7	
61705					DD	2CEA	E-356-7	
61706					A	2CEA	E-349-2	
61707					A	37806A	E-349-2	
61708					A	37806A	E-349-2	
61709					A	37802A	E-349-2	
61710			2CV1358BK	SV1358 CONTROL CIRCUIT	FF	2CP16C	E-356-8	
61711					DD	2CP16C	E-356-8	
61712					DD	2CPN	E-356-7	

RACEWAY LEGEND (A) = 3-HR FIRE WRAP (B) = 1-HR FIRE WRAP (C) = RADIANT ENERGY SHIELD * = EMBEDDED CONDUIT

APPENDIX B-1

CIRCUIT/SUB-COMPONENT LOCATION SUMMARY BY SYSTEM

ID No.	SYSTEM	COMPONENT	CIRCUIT/ SUB-COMP	DESCRIPTION	FIRE AREA	RACEWAY	RACEWAY DRAWING	CHANGE NO/TYP
61713	SWS	SW1358	2CV1358BK	SV1358 CONTROL CIRCUIT	DD	2CED	E-356-7	
61714					A	2CEG	E-356-7	
61715					A	2CEG	E-349-2	
61716					A	37138A	E-349-2	
61717					A	37138A	E-349-2	
61718					A	JB3726	E-349-2	
61719					A	Nipple	E-349-2	
61720			2CV1358BL	SV1358 CONTROL CIRCUIT	FF	2CP16C	E-356-8	
61721					DD	2CP16C	E-356-8	
61722					DD	2CPN	E-356-7	
61723					DD	2CED	E-356-7	
61724					A	2CEG	E-356-7	
61725					A	2CEG	E-349-2	
61726					A	37138A	E-349-2	
61727					A	37138A	E-349-2	
61728					A	JB3726	E-349-2	
61729					A	37138B	E-349-2	
61733			3CV1358AB	SV1358 CONTROL CIRCUIT	A	37801F	E-349-2	
61734					A	JB3727	E-349-2	
61735					A	37801B	E-349-2	
61736			3CV1358AD	SV1358 CONTROL CIRCUIT	A	Flex	E-349-2	
61737					A	JB3711	E-349-2	
61738					A	37801G	E-349-2	
61739			3CV1358AE	SV1358 CONTROL CIRCUIT	A	37801A	E-349-2	
61748			BE1501	CAC FAN 3 STARTER	Y		E-346	
61750			BEF15	480 V MCC FOR ESSENTIAL EQUIPMENT	Y		E-351-1	
61749			BF1501	CAC FAN 3 STARTER	X		E-346	
61740			C5716	SV1358 CONTROL ROOM PANEL (CH. 1/2)	FF		E-353	
61741			NV1358	SV1358 LOCAL CONTROLLER	A		E-349-2	
61742			NV1358A	SV1358 LOCAL CONTROLLER	A		E-349-2	
61743			NV1358B	SV1358 LOCAL CONTROLLER	A		E-349-2	
61744			RC3701	SV1358 RELAY CABINET	A		E-349-2	
61745			RC3702	SV1358 RELAY CABINET	A		E-349-2	
61747			SV1358B	CTMT AIR CLR 3 OUT ISO VLV SOLENOID	A		E-349-2	
61800		SW1366	1CBE1142B	MV1366 CONTROL CIRCUIT	A	37803A	E-349-2	
61801					A	37805A	E-349-2	
61802					V	37805A	E-350, 349-3	
61803					V	1CJL	E-350, 349-3	
61804					V	1CJR	E-350	
61805					V	38510B	E-350	
61806					V	JB3805	E-350	
61807			1CBE1142C	MV1366 CONTROL CIRCUIT	A	37803B	E-349-2	
61808			1CBE1142D	MV1366 CONTROL CIRCUIT	A	Nipple	E-349-2	
61809			1CBE1142E	MV1366 CONTROL CIRCUIT	V	38558A	E-350	
61810					V	1CJM	E-350	
61811					V	1CJR	E-350	
61812					V	38351A	E-350	
61813					V	JB3805	E-350	
61814			1CBE1142F	MV1366 CONTROL CIRCUIT	FF	1CP16A	E-356-8	
61815					DD	1CP16A	E-356-8	
61816					DD	1CPL	E-356-6	
61817					DD	1CJL	E-356-6	
61818					CC	1CJL	E-347	
61819					U	1CJL	E-349-2	
61820					V	1CJL	E-350	
61821					V	38557A	E-350	
61822			1CBE1142G	MV1366 CONTROL CIRCUIT	Y	46548A	E-346	
61823					Y	1CKA	E-346	
61824					Y	1CKD	E-346	
61825					Y	46055B*	E-343,344,355	
61825A					X	46055B*	E-343,344,355	
61825B					DF	46055B*	E-343,344,355	
61825C					A	46055B*	E-343,344,355	
61825D					DD	46055B*	E-343,344,355	
61826					DD	46055A	E-356-1, 356-6	
61827					DD	1CPL	E-356-1, 356-6	
61828					DD	1CJM	E-356-6	
61829					CC	1CJM	E-347	
61830					U	1CJM	E-349-3	
61831					V	1CJM	E-350, 349-3	
61832					V	1CJR	E-350	
61833					V	38351A	E-350	
61834					V	JB3805	E-350	
61834A			1CBE1142H	MV1366 CONTROL CIRCUIT	V	1CJS	E-350	
61834B					V	JB3805	E-350	
61834C					V	38510B	E-349-3, 350	
61834D					V	1CJL	E-349-3	
61834E					U	1CJL	E-349-3	

RACEWAY LEGEND (A) = 3-HR FIRE WRAP (B) = 1-HR FIRE WRAP (C) = RADIANT ENERGY SHIELD * = EMBEDDED CONDUIT

APPENDIX B-1

CIRCUIT/SUB-COMPONENT LOCATION SUMMARY BY SYSTEM

ID No.	SYSTEM	COMPONENT	CIRCUIT/ SUB-COMP	DESCRIPTION	FIRE AREA	RACEWAY	RACEWAY DRAWING	CHANGE NO/TYP
61834F	SWS	SW1366	1CBE1142H	MV1366 CONTROL CIRCUIT	CC	1CJL	E-347	
61834G					CC	47250A	E-347	
61834H					V	47250A	E-347	
61834I					V	1CLA	E-347, 348	
61834J					V	48102A	E-348	
61834K					V	JB4855	E-348	
61834L			1CBE1142J	MV1366 CONTROL CIRCUIT	V	JB4855	E-348	
61834M					V	48102B	E-348, 411	
61834N					DG	48102B	E-348, 411	
61835			1PBE1142A	MV1366 POWER CIRCUIT	A	38090A	E-349-2	
61836					V	38090A	E-350, 349-3	
61837			BE1142	MV1366 CIRCUIT BREAKER (CH. 1)	V		E-350	
61843			BE1401	CAC FAN 1 STARTER	Y		E-346	
61838			C5716	MV1366 CONTROL ROOM PANEL (CH. 1)	FF		E-353	
61839			CDE-11C	MV1366 DISCONNECT SWITCH (CH. 1)	V		E-350	
61840			EV1366	MV1366 TERMINAL BOX (CH. 1)	A		E-349-2	
61840A			EV13660A	MV1366 LOCAL CONTROL PANEL (CH. 1)	DG		E-348	
61841			MV1366	CTMT AIR CLR 1-1 INLET ISO VLV (CH. 1)	A		E-349-2	
61842			NV1366	MV1366 LOCAL CONTROLLER (CH. 1)	A		E-349-2	
61900		SW1367	2CBF1223B	MV1367 CONTROL CIRCUIT	A	37804A	E-349-2	
61901					A	37806A	E-349-2	
61902					A	37806A	E-349-2	
61903					A	2CEA	E-349-2	
61904					DD	2CEA	E-356-7	
61905					DD	2CPP	E-356-7	
61906					DD	2CPN	E-356-7	
61907					DD	2CKM	E-356-7	
61908					DF	2CKM	E-346, 347	
61909					X	2CKM	E-346	
61910					X	46741A	E-346	
61911			2CBF1223C	MV1367 CONTROL CIRCUIT	A	37804B	E-349-2	
61912			2CBF1223D	MV1367 CONTROL CIRCUIT	A	Nipple	E-349-2	
61913			2CBF1223E	MV1367 CONTROL CIRCUIT	X	46361A	E-346	
61914					X	46741B	E-346	
61915					X	2CKM	E-346	
61916			2CBF1223F	MV1367 CONTROL CIRCUIT	FF	2CP16C	E-356-8	
61917					DD	2CP16C	E-356-8	
61918					DD	2CPN	E-356-7	
61919					DD	2CKM	E-356-7	
61920					DF	2CKM	E-346, 347	
61921					X	2CKM	E-346	
61922					X	46362A	E-346	
61923			2CBF1223G	MV1367 CONTROL CIRCUIT	X	46742A	E-346	
61924					X	46741A	E-346	
61925					X	2CKM	E-346	
61925A			2CBF1223H	MV1367 CONTROL CIRCUIT	X	46970A	E-346	
61926			2PBF1223A	MV1367 POWER CIRCUIT	A	46147A	E-349-2	
61927					Q	46147A	E-338	
61928					R	46147A	E-338	
61929					P	46147A	E-338	
61930					X	46147A	E-346	
61931			BF1223	MV1367 CIRCUIT BREAKER (CH. 2)	X		E-346	
61937			BF1401	CAC FAN 2 STARTER	X		E-346	
61932			C5716	MV1367 CONTROL ROOM PANEL (CH. 2)	FF		E-353	
61933			CDF-12A-1	MV1367 DISCONNECT SWITCH (CH. 2)	X		E-346	
61934			EV1367	MV1367 TERMINAL BOX (CH. 2)	A		E-349-2	
61934A			EV13680B	MV1368 LOCAL CONTROL PANEL (CH. 2)	X		E-346	
61935			MV1367	CTMT AIR CLR 1-2 INLET ISO VLV (CH. 2)	A		E-349-2	
61936			NV1367	MV1367 LOCAL CONTROLLER (CH. 2)	A		E-349-2	
62000		SW1368	1CBE1207B	MV1368 CONTROL CIRCUIT	Y	46521A	E-346	
62001					Y	46521A	E-346	
62002					Y	46545A	E-346	
62003					Y	1CKA	E-346	
62004			1CBE1207C	MV1368 CONTROL CIRCUIT	Y	46547A	E-346	
62005					Y	46547A	E-346	
62006					Y	46545A	E-346	
62007					Y	1CKA	E-346	
62008			1CBE1207D	MV1368 CONTROL CIRCUIT	Y	46261A	E-346	
62009					Y	46545A	E-346	
62010					Y	1CKA	E-346	
62011			1CBE1207E	MV1368 CONTROL CIRCUIT	FF	1CP16A	E-356-8	
62012					DD	1CP16A	E-356-8	
62013					DD	1CPL	E-356-1, 356-6	
62014					DD	46053A	E-356-1, 356-6	
62015					DD	46053B*	E-355	
62015A					A	46053B*	E-355	
62015B					DF	46053B*	E-343, 344	

RACEWAY LEGEND (A) = 3-HR FIRE WRAP (B) = 1-HR FIRE WRAP (C) = RADIANT ENERGY SHIELD * = EMBEDDED CONDUIT

APPENDIX B-1

CIRCUIT/SUB-COMPONENT LOCATION SUMMARY BY SYSTEM

ID No.	SYSTEM	COMPONENT	CIRCUIT/ SUB-COMP	DESCRIPTION	FIRE AREA	RACEWAY	RACEWAY DRAWING	CHANGE NO/TYP
62015C	SWS	SW1368	1CBE1207E	MV1368 CONTROL CIRCUIT	X	46053B*	E-343	
62016					Y	46053B	E-343	
62017					Y	1CKD	E-343	
62018					Y	1CKA	E-346	
62019					Y	46262A	E-346	
62020			1CBE1207F	MV1368 CONTROL CIRCUIT	A	37800A	E-349-2	
62021					A	37805A	E-349-2	
62022					V	37805A	E-349-3	
62023					V	1CJL	E-349-3	
62024					U	1CJL	E-349-3	
62025					CC	1CJL	E-347	
62026					DD	1CJL	E-356-6	
62027					DD	1CPL	E-356-1, 356-6	
62028					DD	46053A	E-356-1, 356-6	
62029					DD	46053B*	E-343,344,356-1	
62029A					A	46053B*	E-343,344,355	
62029B					DF	46053B*	E-343,344,355	
62029C					X	46053B*	E-343,344,355	
62029D					Y	46053B*	E-343,344,355	
62030					Y	46053B	E-343	
62031					Y	1CKD	E-343	
62032					Y	1CKA	E-346	
62033					Y	46545A	E-346	
62034			1CBE1207G	MV1368 CONTROL CIRCUIT	A	37801H	E-349-2	
62035			1CBE1207J	MV1368 CONTROL CIRCUIT	A	37801C	E-349-2	
62036			1CBE1207K	MV1368 CONTROL CIRCUIT	Y	46521A	E-346	
62037					Y	46521A	E-346	
62038					Y	1CKA	E-346	
62039					Y	46545A	E-346	
62039A			1CBE1207L	MV1368 CONTROL CIRCUIT	Y	46970C	E-346	
62039B					Y	1CKA	E-346	
62039C					Y	1CKD	E-346	
62039D					Y	46970D	E-346	
62040			1PBE1207A	MV1368 POWER CIRCUIT	Y	46490A	E-346	
62041					Y	46490A	E-346	
62042			2CBF1224B	MV1368 CONTROL CIRCUIT	Y	46072A	E-343	
62043					Y	46072A*	E-343, 344	
62043A					S	46072A*	E-343, 344	
62043B					Y	46072A*	E-343, 344	
62043C					X	46072A*	E-343, 344	
62043D					Q	46072A*	E-343, 344	
62043E					R	46072A*	E-343, 344	
62043F					P	46072A*	E-343, 344	
62043G					A	46072A*	E-343, 344	
62043H					DF	46072A*	E-343, 344	
62044					DF	46072B	E-347	
62045					DF	2CKM	E-347	
62046					X	2CKM	E-346	
62047					X	46739A	E-346	
62048			2CBF1224C	MV1368 CONTROL CIRCUIT	X	46743A	E-346	
62049					X	2CKM	E-346	
62050					X	46739A	E-346	
62051			2CBF1224D	MV1368 CONTROL CIRCUIT	X	46362A	E-346	
62052					X	2CKM	E-346	
62053					X	46739A	E-346	
62054			2CBF1224E	MV1368 CONTROL CIRCUIT	FF	2CP16C	E-356-8	
62055					DD	2CP16C	E-356-8	
62056					DD	2CPN	E-356-7	
62057					DD	2CKM	E-356-7	
62058					DF	2CKM	E-346, 347	
62059					X	2CKM	E-346	
62060					X	46361A	E-346	
62061			2CBF1224F	MV1368 CONTROL CIRCUIT	A	37802A	E-349-2	
62062					A	37806A	E-349-2	
62063					A	37806A	E-349-2	
62064					A	2CEA	E-349-2	
62065					DD	2CEA	E-356-7	
62066					DD	2CPP	E-356-7	
62067					DD	2CPN	E-356-7	
62068					DD	2CKM	E-356-7	
62069					DF	2CKM	E-346, 347	
62070					X	2CKM	E-346	
62071					X	46739A	E-346	
62072			2CBF1224G	MV1368 CONTROL CIRCUIT	A	37804D	E-349-2	
62073			2CBF1224J	MV1368 CONTROL CIRCUIT	A	36808A	E-349-2	
62074			2CBF1224K	MV1368 CONTROL CIRCUIT	Y	46173A	E-346	
62075					X	46173A	E-346	
62075A			2CBF1224L	MV1368 CONTROL CIRCUIT	X	46970B	E-346	
62076			2PBF1224A	MV1368 POWER CIRCUIT	Y	46536A	E-346	

RACEWAY LEGEND (A) = 3-HR FIRE WRAP (B) = 1-HR FIRE WRAP (C) = RADIANT ENERGY SHIELD * = EMBEDDED CONDUIT

APPENDIX B-1

CIRCUIT/SUB-COMPONENT LOCATION SUMMARY BY SYSTEM

ID No.	SYSTEM	COMPONENT	CIRCUIT/ SUB-COMP	DESCRIPTION	FIRE AREA	RACEWAY	RACEWAY DRAWING	CHANGE NO/TYP
62077	SWS	SW1368	2PBF1224A	MV1368 POWER CIRCUIT	S	46536A	E-338	
62078					Q	46536A	E-338, 351-2	
62079					X	46536A	E-346	
62080			3PBE1207H	MV1368 POWER CIRCUIT	A	46075B	E-349-2	
62081					Y	46075A	E-346, 351-1	
62082			BE1207	MV1368 CIRCUIT BREAKER (CH 1)	Y		E-346	
62092			BE1501	CAC FAN 3 STARTER	Y		E-346	
62094			BEF128	MCC EF12 BREAKER FROM E12A	Y		E-346, 351-1	
62095			BEF129	MCC EF12 BREAKER FROM F12A	Y		E-346, 351-1	
62083			BF1224	MV1368 CIRCUIT BREAKER (CH. 2)	X		E-346	
62093			BF1501	CAC FAN 3 STARTER	X		E-346	
62084			C5716	MV1368 CONTROL ROOM PANEL (CH.1/2)	FF		E-353	
62085			CDE-12A-1	MV1368 DISCONNECT SWITCH (CH. 1)	Y		E-346	
62086			CDF-12A-1	MV1368 DISCONNECT SWITCH (CH. 2)	X		E-346	
62086A			EV13680A	MV1368 LOCAL CONTROL PANEL (CH. 1)	Y		E-346	
62086B			EV13680B	MV1368 LOCAL CONTROL PANEL (CH. 2)	X		E-346	
62087			MV1368	CTMT AIR CLR 1-3 INLET ISO VLV	A		E-349-2	
62088			NV1368A	MV1368 LOCAL CONTROLLER (CH. 1)	A		E-349-2	
62089			NV1368B	MV1368 LOCAL CONTROLLER (CH. 2)	A		E-349-2	
62090			RC3701	MV1368 RELAY CABINET (CH. 1)	A		E-349-2	
62091			RC3702	MV1368 RELAY CABINET (CH. 2)	A		E-349-2	
62400		SW1382	1CBE1218B	MV1382 CONTROL CIRCUIT	E	27269A	E-335	
62401					E	1CEB	E-335	
62402					DUCT	36079B*	E-337, 342	
62403					S	36079B	E-338	
62404					S	JB3607	E-338, 418	
62405					S	36079A	E-338, 418	
62406					S	1CGC	E-338	
62407					S	36356A	E-338	
62408					Y	36356A	E-346	
62409					Y	46546A	E-346	
62410					Y	1CKA	E-346	
62411			1CBE1218C	MV1382 CONTROL CIRCUIT	E	27270A	E-335	
62412			1CBE1218D	MV1382 CONTROL CIRCUIT	E	Nipple	E-335, 418	
62413			1CBE1218E	MV1382 CONTROL CIRCUIT	Y	46261A	E-346	
62414					Y	1CKA	E-346	
62415					Y	46546A	E-346	
62416			1CBE1218F	MV1382 CONTROL CIRCUIT	FF	UNSCHED	E-356	
62417					DD	1CPM	E-356	
62418					DD	1CPL	E-356-6, 356-9	
62419					CC	27120A	E-347	
62420					UU	27120A	E-349-1	
62421					A	27120A	E-335	
62422					A	1CEB	E-335	
62423					E	1CEB	E-335	
62424					DUCT	36082B*	E-337, 342	
62425					S	36082B	E-338	
62426					S	JB3607	E-338, 418	
62427					S	36082A	E-338, 418	
62428					S	1CGC	E-338	
62429					S	36356A	E-338	
62430					Y	36356A	E-346	
62431					Y	1CKA	E-346	
62432					Y	46260A	E-346	
62433			1CBE1218G	MV1382 CONTROL CIRCUIT	R	36142A	E-338	
62434					S	36142A	E-338	
62435					S	1CGC	E-338	
62436					S	36357A	E-338	
62437					Y	36357A	E-346	
62438					Y	1CKA	E-346	
62439					Y	46260A	E-346	
62440			1CBE1218H	MV1382 CONTROL CIRCUIT	G	27572A	E-335	
62441					A	27572A	E-335	
62442					A	1CEB	E-335	
62443					E	1CEB	E-335	
62444					DUCT	36085B*	E-337, 342	
62445					S	36085B	E-338	
62446					S	JB3607	E-338, 418	
62447					S	36085A	E-338, 418	
62448					S	1CGC	E-338	
62449					S	36357C	E-338	
62450					Y	36357C	E-346	
62451					Y	1CKA	E-346	
62452					Y	46543A	E-346	
62453			1CBE1218I	MV1382 CONTROL CIRCUIT	G	27572A	E-335	
62454					A	27572A	E-335	
62455					A	1CEB	E-335	
62456					E	1CEB	E-335	

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CIRCUIT/SUB-COMPONENT LOCATION SUMMARY BY SYSTEM

ID No.	SYSTEM	COMPONENT	CIRCUIT/ SUB-COMP	DESCRIPTION	FIRE AREA	RACEWAY	RACEWAY DRAWING	CHANGE NO/TYP
62457	SWS	SW1382	1CBE1218I	MV1382 CONTROL CIRCUIT	DUCT	36085B*	E-337, 342	
62458					S	36085B	E-338	
62459					S	JB3607	E-338, 418	
62460					S	36085A	E-338, 418	
62461					S	1CGC	E-338	
62462					S	36357C	E-338	
62463					Y	36357C	E-346	
62464					Y	1CKA	E-346	
62465					Y	46260A	E-346	
62466			1CPS4928C	MV1382 CONTROL CIRCUIT	E	27263B	E-335	
62467					E	27263A	E-335	
62468					E	1CEC	E-335	
62469					A	1CEC	E-335	
62470					A	27226A	E-335	
62471					A	1CEB	E-335	
62472					A	27572A	E-335	
62473					G	27572A	E-335	
62474			1CPS4928D	MV1382 CONTROL CIRCUIT	E	27263C	E-335	
62475					E	27263A	E-335	
62476					E	1CEC	E-335	
62477					A	1CEB	E-335	
62478					A	27572A	E-335	
62479					G	27572A	E-335	
62480			1CPS4928E	MV1382 CONTROL CIRCUIT	E	27270A	E-335	
62481					E	1CEB	E-335	
62482					A	1CEB	E-335	
62483					A	27572A	E-335	
62484					G	27572A	E-335	
62490			1CSD03A	MV1382 CONTROL CIRCUIT	R	36142A	E-338	
62491					S	36142A	E-338	
62492					S	1CGC	E-338	
62493					S	36356A	E-338	
62494					Y	36356A	E-346	
62495					Y	1CKA	E-346	
62496					Y	46261A	E-346	
62497			1PBE1218A	MV1382 POWER CIRCUIT	E	27268A	E-335	
62498					E	JB2754	E-335	
62499					E	36092C	E-335	
62500					E	JB2764	E-335	
62501					E	36092B	E-335, 342	
62502					DUCT	36092B*	E-337	
62503					S	36092B	E-338	
62504					S	JB3607	E-338, 418	
62505					S	36092A	E-338, 418	
62506					Y	36092A	E-351-1	
62507					Y	JB4601	E-346	
62508					Y	46533A	E-346	
62509			BE1218	MV1382 CIRCUIT BREAKER (CH. 1)	Y		E-346	
62510			C3630	MV1382 AUX SHUTDOWN PANEL (CH. 1)	R		E-338	
62511			C5706	MV1382 CONTROL ROOM PANEL (CH. 1)	FF		E-353	
62512			CDE-11D	MV1382 DISCONNECT SWITCH (CH. 1)	G		E-335	
62513			CDE-12A-1	MV1382 DISCONNECT SWITCH (CH. 1)	Y		E-346	
62514			EV1382	MV1382 TERMINAL BOX (CH. 1)	E		E-335, 418	
62515			FPSL4928A	MV1382 PRESSURE SWITCH (CH. 1)	E		E-335	
62516			FPSL4928B	MV1382 PRESSURE SWITCH (CH. 1)	E		E-335	
62519			JT5721	MV1382 TERMINAL BOX	DD		E-356	
62517			MV1382	AUX FEEDPUMP 1-1 SUCTION VALVE (CH. 1)	E		E-335	
62518			NV1382	MV1382 LOCAL CONTROLLER (CH. 1)	E		E-335, 418	
62600		SW1383	2CBF1177B	MV1383 CONTROL CIRCUIT	A	47426A	E-335	
62601					A	2CEH	E-335, 418	
62602					A	27435A	E-335, 418	
62603			2CBF1177C	MV1383 CONTROL CIRCUIT	A	27259A	E-335	
62604			2CBF1177D	MV1383 CONTROL CIRCUIT	A	Nipple	E-335	
62605			2CBF1177E	MV1383 CONTROL CIRCUIT	A	27707A	E-335	
62606					A	2CEH	E-335	
62607					A	27436A	E-335	
62608			2CBF1177F	MV1383 CONTROL CIRCUIT	FF	UNSCHED	E-356	
62609					DD	JB5776	E-356-7, 356-9	
62610					DD	2CPN	E-356-7, 356-9	
62611					DD	2CED	E-356-7	
62612					A	2CED	E-356-7	
62613					A	2CEG	E-349-2	
62614					A	2CEH	E-335	
62615					A	2CEH	E-335	
62616					A	27705A	E-335	
62617			2CBF1177G	MV1383 CONTROL CIRCUIT	R	36172A	E-338	
62618					Q	36172A	E-338	
62619					Q	36178A	E-338, 418	

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APPENDIX B-1

CIRCUIT/SUB-COMPONENT LOCATION SUMMARY BY SYSTEM

ID No.	SYSTEM	COMPONENT	CIRCUIT/ SUB-COMP	DESCRIPTION	FIRE AREA	RACEWAY	RACEWAY DRAWING	CHANGE NO/TYP
62620	SWS	SW1383	2CBF1177G	MV1383 CONTROL CIRCUIT	Q	2CGE	E-338, 418	
62621					Q	JB3620	E-338, 418	
62622					Q	36178B	E-338	
62623					DUCT	36178B*	E-342, 337	
62624					F	2CEF	E-335	
62625					A	2CEF	E-335	
62626					A	2CEH	E-335	
62627					A	2CEH	E-335	
62628					A	27705A	E-335	
62629			2CBF1177H	MV1383 CONTROL CIRCUIT	X	46526C	E-346	
62630					X	2CKM	E-346	
62631					X	2CKL	E-346	
62632					X	46892C	E-346	
62633					Q	46345A	E-338	
62634					Q	36186A	E-338, 418	
62635					Q	2CGE	E-338, 418	
62636					Q	JB3620	E-338, 418	
62637					Q	36187B	E-338	
62638					DUCT	36187B*	E-342, 337	
62639					F	2CEF	E-335	
62640					A	2CEF	E-335	
62641					A	2CEG	E-335	
62642					A	2CEH	E-335	
62643					A	2CEH	E-335, 418	
62644					A	27438A	E-335, 418	
62645			2CBF1177I	MV1383 CONTROL CIRCUIT	A	27705A	E-335	
62646					A	2CEH	E-335	
62647					A	2CEH	E-335	
62648					A	2CEG	E-335	
62649					A	2CED	E-335	
62650					DD	2CED	E-356-7	
62651					DD	2CKN	E-356-7	
62652					DD	2CPR	E-356-7	
62653					DD	2CKM	E-356-7	
62654					DF	2CKM	E-346, 347	
62655					X	2CKM	E-346	
62656					X	46526C	E-346	
62657			2CPS4929C	MV1383 CONTROL CIRCUIT	F	27364B	E-335	
62658					F	27364A	E-335	
62659					F	2CEE	E-335	
62660					A	2CEE	E-335	
62661					A	27133A	E-335	
62662					A	2CED	E-335	
62663					DD	2CED	E-356-7	
62664					DD	2CKN	E-356-7	
62665					DD	2CPR	E-356-7	
62666					DD	2CKM	E-356-7	
62667					DF	2CKM	E-346, 347	
62668					X	2CKM	E-346	
62669					X	46526A	E-346	
62670			2CPS4929D	MV1383 CONTROL CIRCUIT	F	27364C	E-335	
62671					F	27364A	E-335	
62672					F	2CEE	E-335	
62673					A	2CEE	E-335	
62674					A	27133A	E-335	
62675					A	2CED	E-335	
62676					DD	2CED	E-356-7	
62677					DD	2CKN	E-356-7	
62678					DD	2CPR	E-356-7	
62679					DD	2CKM	E-356-7	
62680					DF	2CKM	E-346, 347	
62681					X	2CKM	E-346	
62682					X	46526A	E-346	
62683			2CPS4929E	MV1383 CONTROL CIRCUIT	A	27259B	E-335	
62684					A	2CEH	E-335	
62685					A	2CEH	E-335	
62686					A	2CEG	E-335	
62687					A	2CED	E-335	
62688					DD	2CED	E-356-7	
62689					DD	2CKN	E-356-7	
62690					DD	2CPR	E-356-7	
62691					DD	2CKM	E-356-7	
62692					DF	2CKM	E-346, 347	
62693					X	2CKM	E-346	
62694					X	46526C	E-346	
62707			2CSD04A	MV1383 CONTROL CIRCUIT	R	36172A	E-338	
62708					Q	36172A	E-338	
62709					Q	2CGE	E-338, 418	
62710					Q	36178A	E-338, 418	

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APPENDIX B-1

CIRCUIT/SUB-COMPONENT LOCATION SUMMARY BY SYSTEM

ID No.	SYSTEM	COMPONENT	CIRCUIT/ SUB-COMP	DESCRIPTION	FIRE AREA	RACEWAY	RACEWAY DRAWING	CHANGE NO/TYP
62711	SWS	SW1383	2CSD04A	MV1383 CONTROL CIRCUIT	Q	JB3620	E-338, 418	
62712					Q	36178B	E-338	
62713					DUCT	36178B*	E-342, 337	
62714					F	2CEF	E-335	
62715					A	2CEF	E-335	
62716					A	2CEH	E-335	
62717					A	2CEH	E-335	
62718					A	27705A	E-335	
62719			2PBF1177A	MV1383 POWER CIRCUIT	A	27425A	E-335	
62720			BF1177	MV1383 CIRCUIT BREAKER (CH. 2)	A		E-335	
62721			C3630	MV1383 AUX SHUTDOWN PANEL (CH. 2)	R		E-338	
62722			C5709	MV1383 CONTROL ROOM PANEL (CH. 2)	FF		E-353	
62723			CDF-11C	MV1383 DISCONNECT SWITCH (CH. 2)	A		E-335	
62724			CDF-12A-2	MV1383 DISCONNECT SWITCH (CH. 2)	X		E-346	
62725			EV1383	MV1383 TERMINAL BOX (CH. 2)	A		E-335	
62726			FPSL4929A	MV1383 PRESSURE SWITCH (CH. 2)	F		E-335	
62727			FPSL4929B	MV1383 PRESSURE SWITCH (CH. 2)	F		E-335	
62730			JT5722	MV1383 TERMINAL BOX (CH. 2)	DD		E-356	
62728			MV1383	AUX FEEDPUMP 1-2 SUCTION VALVE (CH. 2)	A		E-335	
62729			NV1383	MV1383 LOCAL CONTROLLER (CH. 2)	A		E-335	
62800		SW1395	2CBF1277B	MV1395 CONTROL CIRCUIT	BG	30613A	E-361	
62801					BF	30613A	E-361	
62802					BF	JB3022	E-361	
62803					BF	30608A	E-361	
62804			2CBF1277C	MV1395 CONTROL CIRCUIT	BG	Flex	E-361	
62805			2CBF1277D	MV1395 CONTROL CIRCUIT	BG	Nipple	E-361	
62806			2CBF1277E	MV1395 CONTROL CIRCUIT	FF	2CP56C	E-356-8	
62807					DD	2CP56C	E-356-8	
62808					DD	2CPN	E-356-7	
62809					DD	2CPP	E-356-7	
62810					DD	2CEA	E-356-7	
62811					A	2CEA	E-335	
62812					A	2CEB	E-335	
62813					A	2CEC	E-335	
62814					F	2CEC	E-335	
62815					DUCT	36189B*	E-337	
62816					Q	JB3620	E-338	
62817					Q	36189A	E-338	
62818					Q	2CGE	E-338	
62819					Q	36104A	E-338	
62820					DUCT	36104B*	E-337, 342	
62821					DUCT	36104C*	E-305, 307	
62822					MA	2CAM	E-307, 309	
62823					DUCT	36104D*	E-304, 360	
62824					BG	36104E	E-361	
62825					BF	JB3023	E-361	
62826					BF	36104F	E-361	
62827					BF	JB3015	E-361	
62828					BF	30611A	E-361	
62829			2CBF1277F	MV1395 CONTROL CIRCUIT	BF	30641A	E-361	
62830			2CBF1277G	MV1395 CONTROL CIRCUIT	F	2CEC	E-335	
62831					DUCT	36189B*	E-337	
62832					Q	JB3620	E-338	
62833					Q	36189A	E-338	
62834					Q	2CEG	E-338	
62835					Q	36104A	E-338	
62836					DUCT	36104B*	E-337, 342	
62837					DUCT	36104C*	E-305, 307	
62838					MA	2CAM	E-304, 309	
62839					FF	2CP17C	E-353	
62840					DD	2CP17C	E-356-1	
62841					DD	2CPN	E-356-1	
62842					DD	2CPP	E-356-1	
62843					DD	2CEA	E-356-1	
62844					A	2CEA	E-335	
62845					A	2CEB	E-335	
62846					A	2CEC	E-335	
62847					DUCT	36202D*	E-360	
62848					BG	36202E	E-361	
62849					BG	JB3017	E-361	
62850					BG	36202F	E-361	
62851					BF	36202F	E-361	
62852					BF	JB3015	E-361	
62853					BF	30640A	E-361	
62854			2CBF1277H	MV1395 CONTROL CIRCUIT	BF	Flex	E-361	
62855					BF	30738A	E-361	
62856					BF	JB3022	E-361	
62857					BF	30613A	E-361	

RACEWAY LEGEND (A) = 3-HR FIRE WRAP (B) = 1-HR FIRE WRAP (C) = RADIANT ENERGY SHIELD * = EMBEDDED CONDUIT

APPENDIX B-1

CIRCUIT/SUB-COMPONENT LOCATION SUMMARY BY SYSTEM

ID No.	SYSTEM	COMPONENT	CIRCUIT/ SUB-COMP	DESCRIPTION	FIRE AREA	RACEWAY	RACEWAY DRAWING	CHANGE NO/TYP
62858	SWS	SW1395	2CBF1277H	MV1395 CONTROL CIRCUIT	BG	30613A	E-361	
62859			2PBF1277A	MV1395 POWER CIRCUIT	BG	30529C	E-361	
62860					BF	30529B*	E-360	
62861					BF	30529B	E-361	
62862			BF1277	MV1395 CIRCUIT BREAKER	BF		E-361	
62863			C5717	MV1395 CONTROL ROOM PANEL	FF		E-353	
62864			C5756C	MV1395 CONTROL ROOM PANEL	FF		E-353	
62869			CDF-12C	MV1395 DISCONNECT SWITCH	BF		E-351	
62865			EV1395	MV1395 TERMINAL BOX	BG		E-361	
62866			FPSL1377A	MV1395 PRESSURE SWITCH	BF		E-361	
62867			MV1395	TPCW HX IN HEADER ISO VLV	BG		E-361	
62868			NV1395	MV1395 LOCAL CONTROLLER	BG		E-361	
62900		SW1399	1CBE1277B	MV1399 CONTROL CIRCUIT	BG	30601A	E-361	
62901					BF	30601A	E-361	
62902					BF	JB3021	E-361	
62903					BF	30596A	E-361	
62904					BE	30596A	E-361	
62905			1CBE1277C	MV1399 CONTROL CIRCUIT	BG	30605A	E-361	
62906			1CBE1277D	MV1399 CONTROL CIRCUIT	BG	Nipple	E-361	
62907			1CBE1277E	MV1399 CONTROL CIRCUIT	FF	1CP63C	E-423	
62908					DD	1CP63C	E-423	
62909					DD	1CPL	E-356-1, 356-6	
62910					DD	27120A	E-356-1, 356-6	
62911					CC	27120A	E-347	
62912					UU	27120A	E-349-1	
62913					A	27120A	E-335	
62914					A	1CEB	E-335	
62915					E	1CEB	E-335	
62916					DUCT	36079B*	E-337	
62917					S	JB3607	E-338	
62918					S	36079A	E-338	
62919					S	1CGC	E-338	
62920					S	1CGZ	E-338	
62921					S	36004A	E-338	
62922					DUCT	36004B*	E-337, 342	
62923					DUCT	36004C*	E-337, 342	
62924					MA	1CAM	E-304, 309	
62925					DUCT	36004D*	E-326, 360	
62926					BG	36004E	E-361	
62927					BF	36004E	E-361	
62928					BF	JB3014	E-361	
62929					BF	30599A	E-361	
62930					BE	30599A	E-361	
62931			1CBE1277F	MV1399 CONTROL CIRCUIT	BE	30593A	E-361	
62932			1CBE1277G	MV1399 CONTROL CIRCUIT	E	1CEB	E-335	
62933					DUCT	36079B*	E-337	
62934					S	JB3607	E-338	
62935					S	36079A	E-338	
62936					S	1CGC	E-338	
62937					S	1CGZ	E-338	
62938					S	36004A	E-338	
62939					DUCT	36004B*	E-337, 342	
62940					DUCT	36004C*	E-337, 342	
62941					MA	1CAM	E-304, 309	
62942					FF	1CP17B	E-356-8	
62943					DD	1CP17B	E-356-8	
62944					DD	1CPL	E-356-1, 356-6	
62945					DD	27120A	E-356-1, 356-6	
62946					CC	27120A	E-347	
62947					UU	27120A	E-349-1	
62948					A	27120A	E-335	
62949					A	1CEB	E-335	
62950					DUCT	36004D*	E-326, 360	
62951					BG	36004E	E-361	
62952					BF	36004E	E-361	
62953					BF	JB3014	E-361	
62954					BF	30594C	E-361	
62955					BE	30594C	E-361	
62956					BE	30594A	E-361	
62957			1CBE1277H	MV1399 CONTROL CIRCUIT	BF	30739A	E-361	
62958					BF	JB3021	E-361	
62959					BF	30601A	E-361	
62960					BG	30601A	E-361	
62961			1PBE1277A	MV1399 POWER CIRCUIT	BG	30530C	E-361	
62962					BE	30530B*	E-360	
62963					BE	30530B	E-361	
62964			BE1277	MV1399 CIRCUIT BREAKER	BE		E-361	
62965			C5717	MV1399 CONTROL ROOM PANEL	FF		E-353	

RACEWAY LEGEND (A) = 3-HR FIRE WRAP (B) = 1-HR FIRE WRAP (C) = RADIANT ENERGY SHIELD * = EMBEDDED CONDUIT

APPENDIX B-1

CIRCUIT/SUB-COMPONENT LOCATION SUMMARY BY SYSTEM

ID No.	SYSTEM	COMPONENT	CIRCUIT/ SUB-COMP	DESCRIPTION	FIRE AREA	RACEWAY	RACEWAY DRAWING	CHANGE NO/TYP
62965A	SWS	SW1399	C5763C	MV1399 CONTROL ROOM PANEL	FF		E-353	
62968A					FF		E-353	
62969			CDE12C	MV1399 DISCONNECT SWITCH	BE		E-361	
62966			EV1399	MV1399 TERMINAL BOX	BG		E-361	
62966A			FPSL1376A	MV1399 PRESSURE SWITCH	BF		E-361	
62970					BF		E-361	
62967			MV1399	TPCW HX IN HEADER ISO VLV	BG		E-361	
62968			NV1399	MV1399 LOCAL CONTROLLER	BG		E-361	
63000A		SW1424	1CV1424A	SV1424 CONTROL CIRCUIT	T	37449A	E-349-1	A
63004			1CV1424C	SV1424 CONTROL CIRCUIT	T	Nipple	E-349-1	
63005			1CV1424D	SV1424 CONTROL CIRCUIT	FF	1CP16A	E-356-8	
63006					DD	1CP16A	E-356-8	
63007					DD	1CPL	E-356-6	
63008					DD	1CJL	E-356-6	
63009					CC	1CJL	E-347	
63011					U	37035C	E-349-3	
63012					U	1CJL	E-349-3	
63013					U	37035B*	E-339	
63013A					G	37035B*	E-339	
63013B					A	37035B*	E-339	
63013C					T	37035B*	E-339	
63014					T	37035A	E-349-1	
63015			1CV1424E	SV1424 CONTROL CIRCUIT	T	Flex	E-349-1	
63016					T	37449A	E-349-1	
63017			1CV1424G	SV1424 CONTROL CIRCUIT	FF	1CP63D	E-424	
63018					DD	1CP63D	E-424	
63019					DD	1CPL	E-356-6	
63020					DD	1CJL	E-356-6	
63021					U	1CJL	E-349-3	
63022					U	37035C	E-349-3	
63023					U	37035B*	E-339	
63023A					G	37035B*	E-339	
63023B					A	37035B*	E-339	
63023C					T	37035B*	E-339	
63024					T	37035A	E-349-1	
63024A			1CV1424H	SW1424 CONTROL CIRCUIT	T	37449A	E-349-1	
63025			C5716	SV1424 CONTROL ROOM PANEL (CH. 1)	FF		E-353	
63026			C5763D	SV1424 CONTROL ROOM PANEL (CH. 1)	FF		E-353	
63027			EV1424	SV1424 TERMINAL BOX (CH. 1)	T		E-349-1	
63028			NV1424	SV1424 LOCAL CONTROLLER (CH. 1)	T		E-349-1	
63030			PSL1424	PRESS SW FOR SW1424 LOW IA PRESS	T		E-349-1	
63029			SV1424	SW FROM CC HX 1 ISO VLV SOLENOID	T		E-349-1	
63100		SW1429	1CV1429B	SV1429 CONTROL CIRCUIT	FF		E-424	
63101					FF	1CP63D	E-424	
63102					DD	1CP63D	E-424	
63103					DD	1CPL	E-356-6, 356-1	
63104					DD	27122A	E-356-6, 356-1	
63105					CC	27122A	E-347	
63106					UU	27122A	E-349-1	
63107					A	27122A	E-335	
63108					A	1CEB	E-335	
63109					E	1CEB	E-335	
63110					DUCT	36091B*	E-337, 342	
63111					S	36091B	E-338	
63112					S	JB3607	E-338, 418	
63113					S	36091A	E-338, 418	
63114					S	1CGC	E-338, 418	
63115					S	1CGZ	E-338, 351-1	
63116					S	36515D	E-338, 351-1	
63117			1CV1429C	SV1429 CONTROL CIRCUIT	DD	1CPL	E-356-6	
63118					FF	1CP16A	E-356-8	
63119					DD	1CP16A	E-356-8	
63120					DD	1CJL	E-356-6	
63121					CC	1CJL	E-347	
63122					U	1CJL	E-349-3	
63123					U	37047D	E-349-3	
63125					T	37047D	E-349-1	
63126					T	JB3721	E-349-1	
63127					T	37496A	E-349-1	
63128			1CV1429D	SV1429 CONTROL CIRCUIT	T	Nipple	E-349-1	
63129			1CV1429E	SV1429 CONTROL CIRCUIT	T	37035D	E-349-1	
63130			1CV1429G	SV1429 CONTROL CIRCUIT	S	36515D	E-338	
63131					S	1CGZ	E-338	
63132					S	1CGC	E-338, 351-1	
63133					S	36310A	E-338, 351-1	
63134					R	36310A	E-338	
63135			2CV1429B	SV1429 CONTROL CIRCUIT	FF	2CP56D	E-424	

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APPENDIX B-1

CIRCUIT/SUB-COMPONENT LOCATION SUMMARY BY SYSTEM

ID No.	SYSTEM	COMPONENT	CIRCUIT/ SUB-COMP	DESCRIPTION	FIRE AREA	RACEWAY	RACEWAY DRAWING	CHANGE NO/TYP
63136	SWS	SW1429	2CV1429B	SV1429 CONTROL CIRCUIT	DD	2CP56D	E-424	
63137					DD	2CPN	E-356-7	
63138					DD	2CED	E-356-7	
63139					A	2CED	E-335, 349-2	
63140					A	2CEE	E-335	
63141					F	2CEE	E-335	
63142					DUCT	36179B*	E-337, 342	
63143					Q	36179B	E-338	
63144					Q	JB3620	E-338, 418	
63145					Q	36179A	E-338, 418	
63146					Q	36715D	E-338, 351-1	
63147					Q	2CGE	E-338, 351-1	
63148			2CV1429C	SV1429 CONTROL CIRCUIT	FF	2CP16C	E-356-8	
63149					DD	2CP16C	E-356-8	
63150					DD	2CPN	E-356-7	
63151					DD	2CPP	E-356-7	
63152					DD	2CEA	E-356-7	
63153					A	2CEA	E-349-2	
63154					A	37450A	E-349-2	
63155					A	37450A	E-349-2	
63156					U	37450A	E-349-3	
63157					T	37450A	E-349-1	
63158					T	JB3722	E-349-1	
63159					T	37452F	E-349-1	
63160					T	37452D	E-349-1	
63161			2CV1429D	SV1429 CONTROL CIRCUIT	T	Nipple	E-349-1	
63162			2CV1429E	SV1429 CONTROL CIRCUIT	T	37452E	E-349-1	
63163					T	37452D	E-349-1	
63164			2CV1429G	SV1429 CONTROL CIRCUIT	Q	36715D	E-338, 351-2	
63165					Q	2CGE	E-338	
63166					Q	36411A	E-338	
63167					R	36411A	E-338	
63168			3CV1429A	SV1429 CONTROL CIRCUIT	T	36205E	E-349-1	
63169					G	36205E	E-335	
63170					A	36205E	E-335	
63171					A	36205E	E-335	
63172					A	JB2703	E-335	
63173					DUCT	36205B*	E-337, 342	
63174					R	36205A	E-338	
63175					R	36205D	E-338	
63176			3CV1429B	SV1429 CONTROL CIRCUIT	T	36205E	E-349-1	
63177					G	36205E	E-335	
63178					A	36205E	E-335	
63179					A	36205E	E-335	
63180					A	JB2703	E-335	
63181					DUCT	36205B*	E-337, 342	
63182					R	36205A	E-338	
63183					R	36205C	E-338	
63185			3CV1429D	SV1429 CONTROL CIRCUIT	T	37453A	E-349-1	
63185A					T	FLEX	E-349-1	
63186			3CV1429F	SV1429 CONTROL CIRCUIT	T	Nipple	E-349-1	
63187			AC108	SV1429 CIRCUIT BREAKER (INTLK) (CH. 1)	S		E-338	
63188			ACD2	SV1429 TRANSFER SWITCH (CH. 1)	R		E-338	
63189			ACD3	SV1429 TRANSFER SWITCH (CH. 2)	R		E-338	
63190			AD108	SV1429 CIRCUIT BREAKER (CH. 2)	Q		E-338	
63191			C5716	SV1429 CONTROL ROOM PANEL (CH. 1/2)	FF		E-353	
63192			C5756D	SV1429 CONTROL ROOM PANEL (CH. 2)	FF		E-353	
63193			C5763D	SV1429 CONTROL ROOM PANEL (CH. 1)	FF		E-353	
63194			EV1424	SV1429 TERMINAL BOX (CH. 1)	T		E-349-1	
63195			EV1429	SV1429 TERMINAL BOX (CH. 1/2)	T		E-349-1	
63196			EV1460	SV1429 TERMINAL BOX (CH. 2)	T		E-349-1	
63197			NV1429	SV1429 LOCAL CONTROLLER (CH. 3)	T		E-349-1	
63198			NV1429A	SV1429 LOCAL CONTROLLER (CH. 1)	T		E-349-1	
63199			NV1429B	SV1429 LOCAL CONTROLLER (CH. 2)	T		E-349-1	
63201			PSL1429	PRESS SW FOR SW1429 LOW IA PRESS	T		E-349-1	
63200			SV1429	SW FROM HX 3 ISO VLV SOLENOID	T		E-349-1	
63300		SW1434	2CV1434A	SV1434 CONTROL CIRCUIT	T	37452A	E-349-1	
63301					T	FLEX	E-349-1	
63303			2CV1434C	SV1434 CONTROL CIRCUIT	T	Nipple	E-349-1	
63304			2CV1434D	SV1434 CONTROL CIRCUIT	FF	2CP16C	E-356-8	
63305					DD	2CP16C	E-356-8	
63306					DD	2CPN	E-356-7	
63307					DD	2CPP	E-356-7	
63308					DD	2CEA	E-356-7	
63309					A	2CEA	E-349-2	
63310					A	37450A	E-349-2	
63311					A	37450A	E-349-2	
63312					U	37450A	E-349-2	

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APPENDIX B-1

CIRCUIT/SUB-COMPONENT LOCATION SUMMARY BY SYSTEM

ID No.	SYSTEM	COMPONENT	CIRCUIT/ SUB-COMP	DESCRIPTION	FIRE AREA	RACEWAY	RACEWAY DRAWING	CHANGE NO/TYP
63313	SWS	SW1434	2CV1434D	SV1434 CONTROL CIRCUIT	T	37450A	E-349-1	
63314					T	JB3722	E-349-1	
63315					T	37497A	E-349-1	
63316			2CV1434E	SV1434 CONTROL CIRCUIT	T	Flex	E-349-1	
63317					T	37452A	E-349-1	
63318			2CV1434G	SV1434 CONTROL CIRCUIT	FF	2CP16C	E-356-8	
63319					DD	2CP16C	E-356-8	
63320					DD	2CPN	E-356-7	
63321					DD	2CPP	E-356-7	
63322					DD	2CEA	E-356-7	
63323					A	2CEA	E-349-2	
63324					A	37450A	E-349-2	
63325					A	37450A	E-349-2	
63326					U	37450A	E-349-2	
63327					T	37450A	E-349-1	
63328					T	JB3722	E-349-1	
63329					T	37497A	E-349-1	
63330			C5716	SV1434 CONTROL ROOM PANEL (CH. 2)	FF		E-353	
63331			C5756D	SV1434 CONTROL ROOM PANEL (CH. 2)	FF		E-353	
63332			EV1460	SV1434 TERMINAL BOX (CH. 2)	T		E-349-1	
63333			NV1434	SV1434 LOCAL CONTROLLER (CH. 2)	T		E-349-1	
63335			PSL1434	PRESS SW FOR SW1434 LOW IA PRESS	T		E-349-1	
63334			SV1434	SW FROM CC HX 2 ISO VLV SOLENOID	T		E-349-1	
63400		SW2927	1CBE1232B	MV2927 CONTROL CIRCUIT	HH	46106C	E-416	
63401					DH	46106B*	E-357, 358	
63401A					EE	46106B*	E-357, 358	
63402					II	46106A	E-413	
63403					Y	46106A	E-346	
63404					Y	1CKD	E-346	
63405					Y	1CKA	E-346	
63406					Y	46538A	E-346	
63407			1CBE1232C	MV2927 CONTROL CIRCUIT	HH	67130A	E-416	
63408			1CBE1232D	MV2927 CONTROL CIRCUIT	HH	Nipple	E-416	
63409			1CBE1232E	MV2927 CONTROL CIRCUIT	Y	46262A	E-346	
63410					Y	1CKA	E-346	
63411					Y	46538A	E-346	
63412			1CBE1232F	MV2927 CONTROL CIRCUIT	FF	5720C1	E-356-9	
63413					DD	5720C1	E-356-9	
63414					DD	1CPL	E-356-1, 356-6	
63415					DD	46055A	E-356-1, 356-6	
63416					DD	46055B*	E-343,344,355	
63416A					A	46055B*	E-343,344,355	
63416B					DF	46055B*	E-343,344,355	
63416C					X	46055B*	E-343,344,355	
63416D					Y	46055B*	E-343,344,355	
63417					Y	1CKD	E-343	
63418					Y	1CKA	E-346	
63419					Y	46263A	E-346	
63422			1CBE1232X	MV2927 CONTROL CIRCUIT	HH	67211A	E-416	
63423			1PBE1232A	MV2927 POWER CIRCUIT	HH	67129A	E-416	
63424					HH	46107C	E-416	
63425					DH	46107B*	E-357, 358	
63425A					EE	46107B*	E-357, 358	
63426					II	46107A	E-413	
63427					Y	46107A	E-346	
63428			BE1232	MV2927 CIRCUIT BREAKER (CH. 1)	Y		E-346	
63429			C5720	MV2927 CONTROL ROOM PANEL (CH. 1)	FF		E-353	
63431			C6708	MV2927 EMER SYS COND CABINET (CH. 1)	HH		E-416	
63432			CDE-12A-1	MV2927 DISCONNECT SWITCH (CH. 1)	Y		E-346	
63433			EV2927	MV2927 TERMINAL BOX (CH. 1)	HH		E-416	
63435			MV2927	CTRM EMER COND UNIT 1 IN VLV (CH. 1)	HH		E-416	
63436			NV2927	MV2927 LOCAL CONTROLLER (CH. 1)	HH		E-416	
63500		SW2928	2CBF1132B	MV2928 CONTROL CIRCUIT	HH	47057E	E-416	
63501					DH	47057E	E-416	
63502					EE	47057E	E-414	
63503					EE	47057C	E-414	
63504					EE	47057B*	E-353	
63504A					DF	47057B*	E-353	
63505					DF	47057A	E-347	
63506			2CBF1132C	MV2928 CONTROL CIRCUIT	HH	67127A	E-416	
63507			2CBF1132D	MV2928 CONTROL CIRCUIT	HH	Nipple	E-416	
63508			2CBF1132E	MV2928 CONTROL CIRCUIT	DF	47701A	E-347	
63509					DF	2CLA	E-347	
63510					DF	47350A	E-347	
63511			2CBF1132F	MV2928 CONTROL CIRCUIT	FF	5721A1	E-356-9	
63512					DD	5721A1	E-356-7, 356-9	
63513					DD	2CPN	E-356-7, 356-9	

RACEWAY LEGEND (A) = 3-HR FIRE WRAP (B) = 1-HR FIRE WRAP (C) = RADIANT ENERGY SHIELD * = EMBEDDED CONDUIT

APPENDIX B-1

CIRCUIT/SUB-COMPONENT LOCATION SUMMARY BY SYSTEM

ID No.	SYSTEM	COMPONENT	CIRCUIT/ SUB-COMP	DESCRIPTION	FIRE AREA	RACEWAY	RACEWAY DRAWING	CHANGE NO/TYP
63514	SWS	SW2928	2CBF1132F	MV2928 CONTROL CIRCUIT	DD	2CPP	E-356-7	
63515					DD	2CLA	E-356-7	
63516					DF	2CLA	E-347	
63517					DF	47702A	E-347	
63521			2PBF1132A	MV2928 POWER CIRCUIT	HH	47056F	E-416	
63522					HH	47056E	E-416	
63522A					HH	47056D*	E-358	
63522B					DH	47056D*	E-358	
63522C					EE	47056D*	E-358	
63523					EE	47056D	E-414	
63524					EE	47056C	E-414	
63525					EE	47056B*	E-353	
63525A					DF	47056B*	E-353	
63526					DF	47056A	E-347	
63527			BF1132	MV2928 CIRCUIT BREAKER (CH. 2)	DF		E-347	
63528			C5720	MV2928 CONTROL ROOM PANEL (CH. 2)	FF		E-353	
63530			C6709	MV2928 EMER SYS COND CABINET (CH. 2)	HH		E-416	
63531			CDF-11A-1	MV2928 DISCONNECT SWITCH (CH. 2)	DF		E-347	
63532			EV2928	MV2928 TERMINAL BOX (CH. 2)	HH		E-416	
63534			MV2928	CTRM EMER COND UNIT 2 IN VLV (CH. 2)	HH		E-416	
63535			NV2928	MV2928 LOCAL CONTROLLER (CH. 2)	HH		E-416	
63600		SW2929	1CBE1281B	MV2929 CONTROL CIRCUIT	BG	30675A	E-361	
63601					BF	30675A	E-361	
63602					BF	JB3014	E-361	
63603					BF	30675B	E-361	
63604					BE	30675B	E-361	
63605			1CBE1281C	MV2929 CONTROL CIRCUIT	BG	30677A	E-361	
63606			1CBE1281D	MV2929 CONTROL CIRCUIT	BG	Nipple	E-361	
63607			1CBE1281E	MV2929 CONTROL CIRCUIT	BE	30593A	E-361	
63608			1CBE1281F	MV2929 CONTROL CIRCUIT	FF	5720C1	E-356-9	
63609					DD	5720C1	E-356-6, 356-9	
63610					DD	1CPL	E-356-6, 356-9	
63611					DD	27121A	E-356-1	
63612					CC	27121A	E-347	
63613					UU	27121A	E-349-1	
63614					A	27121A	E-335	
63615					A	1CEB	E-335	
63616					E	1CEB	E-342, 335	
63617					DUCT	36079B*	E-337, 342	
63618					S	36079B	E-338	
63619					S	JB3607	E-338, 418	
63620					S	36079A	E-338, 418	
63621					S	1CGC	E-338, 418	
63622					S	1CGZ	E-351-1, 338	
63623					S	36004A	E-351-1, 338	
63624					DUCT	36004B*	E-337, 342	
63625					DUCT	36004C*	E-337, 342	
63626					MA	1CAM	E-304, 309	
63627					DUCT	36004D*	E-360, 326	
63628					BF	36004E	E-361	
63629					BF	JB3014	E-361	
63630					BE	30594C	E-361	
63631					BE	30594A	E-361	
63632			1CBE1281G	MV2929 CONTROL CIRCUIT	BG	30170A	E-361	
63633			1PBE1281A	MV2929 POWER CIRCUIT	BG	30555A	E-361	
63634					BE	30555A	E-361	
63635			BE1281	MV2929 CIRCUIT BREAKER (CH. 1)	BE		E-361	
63636			C5720	MV2929 CONTROL ROOM PANEL (CH. 1)	FF		E-353	
63637			CDE-12C	MV2929 DISCONNECT SWITCH (CH. 1)	BE		E-361	
63638			EV2929	MV2929 TERMINAL BOX (CH. 1)	BG		E-361	
63639			FPSH2929	MV2929 PRESSURE SWITCH (CH. 1)	BG		E-361	
63640			MV2929	SW TO INTAKE STRUCTURE VALVE (CH. 1)	BG		E-361	
63641			NV2929	MV2929 LOCAL CONTROLLER (CH. 1)	BG		E-361	
63700		SW2930	2CBF1281B	MV2930 CONTROL CIRCUIT	BG	30528A	E-361	
63701					BF	30528A	E-361	
63702					BF	JB3023	E-361	
63703					BF	36104F	E-361	
63704					BF	JB3015	E-361	
63705					BF	30611A	E-361	
63706			2CBF1281C	MV2930 CONTROL CIRCUIT	BG	30527A	E-361	
63707			2CBF1281D	MV2930 CONTROL CIRCUIT	BG	Nipple	E-361	
63708			2CBF1281E	MV2930 CONTROL CIRCUIT	BF	30641A	E-361	
63709			2CBF1281F	MV2930 CONTROL CIRCUIT	FF	5721A1	E-356-9	
63710					DD	5721A1	E-356-7, 356-9	
63711					DD	2CPN	E-356-7, 356-9	
63712					DD	2CPP	E-356-7	
63713					DD	2CEA	E-356-7	

RACEWAY LEGEND (A) = 3-HR FIRE WRAP (B) = 1-HR FIRE WRAP (C) = RADIANT ENERGY SHIELD * = EMBEDDED CONDUIT

APPENDIX B-1

CIRCUIT/SUB-COMPONENT LOCATION SUMMARY BY SYSTEM

ID No.	SYSTEM	COMPONENT	CIRCUIT/ SUB-COMP	DESCRIPTION	FIRE AREA	RACEWAY	RACEWAY DRAWING	CHANGE NO/TYP
63714	SWS	SW2930	2CBF1281F	MV2930 CONTROL CIRCUIT	A	2CEA	E-349-2,335,347	
63715					A	2CEB	E-335	
63716					A	2CEC	E-335	
63717					F	2CEC	E-335	
63718					DUCT	36189B*	E-337, 342	
63719					Q	36189B	E-338	
63720					Q	JB3620	E-338, 418	
63721					Q	36189A	E-338, 418	
63722					Q	2CGE	E-338	
63723					Q	36104A	E-338	
63724					Q	36104B	E-337, 342	
63725					DUCT	36104C*	E-305, 307	
63726					MA	2CAM	E-304, 309	
63727					DUCT	36104D*	E-304, 360	
63728					BF	36104E	E-361	
63729					BF	JB3023	E-361	
63730					BF	36104F	E-361	
63731					BF	JB3015	E-361	
63732					BF	30640A	E-361	
63733			2CBF1281G	MV2930 CONTROL CIRCUIT	BG	30678B	E-361	
63734					BG	30678A	E-361	
63736					BG	30528A	E-361	
63737					BF	30528A	E-361	
63738					BF	JB3023	E-361	
63739					BF	36104F	E-361	
63740					BF	JB3015	E-361	
63741					BF	30611A	E-361	
63742			2CBF1281H	MV2930 CONTROL CIRCUIT	BF	30868A	E-361	
63743					BF	EV1380	E-361	
63744					BF	30612A	E-361	
63745					BF	JB3022	E-361	
63746					BF	30608A	E-361	
63747			2PBF1281A	MV2930 POWER CIRCUIT	BG	30587A	E-361	
63748					BF	30587A	E-361	
63749			BF1281	MV2930 CIRCUIT BREAKER (CH. 2)	BF		E-361	
63750			C5720	MV2930 CONTROL ROOM PANEL (CH. 2)	FF		E-353	
63751			CDF-12C	MV2930 DISCONNECT SWITCH (CH. 2)	BF		E-361	
63752			EV2930	MV2930 TERMINAL BOX (CH. 2)	BG		E-361	
63753			FPSH2930	MV2930 PRESSURE SWITCH (CH. 2)	BG		E-361	
63754			MV2930	SW TO INTAKE FOREBAY VALVE (CH. 2)	BG		E-361	
63755			NV2930	MV2930 LOCAL CONTROLLER (CH. 2)	BG		E-361	
63756			RC3014	MV2930 RELAY CABINET (CH. 2)	BF		E-361	
63800		SW2931	1CBE1282B	MV2931 CONTROL CIRCUIT	BG	30675A	E-361	
63801					BF	30675A	E-361	
63802					BF	JB3014	E-361	
63803					BF	30675B	E-361	
63804					BE	30675B	E-361	
63805			1CBE1282C	MV2931 CONTROL CIRCUIT	BG	30676A	E-361	
63806			1CBE1282D	MV2931 CONTROL CIRCUIT	BG	Nipple	E-361	
63807			1CBE1282E	MV2931 CONTROL CIRCUIT	BE	30593A	E-361	
63808			1CBE1282F	MV2931 CONTROL CIRCUIT	FF	5720C1	E-356-9	
63809					DD	5720C1	E-356-6, 356-9	
63810					DD	1CPL	E-356-6, 356-9	
63811					DD	27121A	E-356-1	
63812					CC	27121A	E-347	
63813					UU	27121A	E-349-1	
63814					A	27121A	E-335	
63815					A	1CEB	E-335	
63816					E	1CEB	E-342, 335	
63817					DUCT	36079B*	E-337, 342	
63818					S	36079B	E-338, 418	
63819					S	JB3607	E-338	
63820					S	36079A	E-338	
63821					S	1CGC	E-338	
63822					S	1CGZ	E-338, 351-1	
63823					S	36004A	E-338, 351-1	
63824					S	36004B	E-342, 337	
63825					DUCT	36004C*	E-337, 342	
63826					MA	1CAM	E-304, 309	
63827					DUCT	36004D*	E-360, 326	
63828					BF	36004E	E-361	
63829					BF	JB3014	E-361	
63830					BF	30594C	E-361	
63831					BE	30594A	E-361	
63832			1PBE1282A	MV2931 POWER CIRCUIT	BG	30554A	E-361	
63833					BE	30554A	E-361	
63834			BE1282	MV2931 CIRCUIT BREAKER (CH. 1)	BE		E-361	
63835			C5720	MV2931 CONTROL ROOM PANEL (CH. 1)	FF		E-353	

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APPENDIX B-1

CIRCUIT/SUB-COMPONENT LOCATION SUMMARY BY SYSTEM

ID No.	SYSTEM	COMPONENT	CIRCUIT/ SUB-COMP	DESCRIPTION	FIRE AREA	RACEWAY	RACEWAY DRAWING	CHANGE NO/TYP
63836	SWS	SW2931	CDE-12C	MV2931 DISCONNECT SWITCH (CH. 1)	BE		E-361	
63837			EV2929	MV2931 TERMINAL BOX (CH. 1)	BG		E-361	
63838			MV2931	SW TO COOLING TOWER MU VALVE (CH. 1)	BG		E-361	
63839			NV2931	MV2931 LOCAL CONTROLLER (CH. 1)	BG		E-361	
63900		SW2932	2CBF1282B	MV2932 CONTROL CIRCUIT	BG	30528A	E-361	
63901					BF	30528A	E-361	
63902					BF	JB3023	E-361	
63903					BF	36104F	E-361	
63904					BF	JB3015	E-361	
63905					BF	30611A	E-361	
63906			2CBF1282C	MV2932 CONTROL CIRCUIT	BG	30526A	E-361	
63907			2CBF1282D	MV2932 CONTROL CIRCUIT	BG	Nipple	E-361	
63908			2CBF1282E	MV2932 CONTROL CIRCUIT	BF	30641A	E-361	
63909			2CBF1282F	MV2932 CONTROL CIRCUIT	FF	5721A1	E-356-9	
63910					DD	5721A1	E-356-7, 356-9	
63911					DD	2CPN	E-356-7, 356-9	
63912					DD	2CPP	E-356-7	
63913					DD	2CEA	E-356-7	
63914					A	2CEA	E-349-2, 347	
63915					A	2CEB	E-335	
63916					A	2CEC	E-335	
63917					F	2CEC	E-335	
63918					DUCT	36189B*	E-337, 342	
63919					Q	36189B	E-338	
63920					Q	JB3620	E-338, 418	
63921					Q	36189A	E-338, 418	
63922					Q	2CGE	E-338	
63923					Q	36104A	E-338	
63924					DUCT	36104B*	E-337, 342	
63925					DUCT	36104C*	E-305, 307	
63926					MA	2CAM	E-304, 309	
63927					DUCT	36202D*	E-360, 304	
63928					BG	36202E	E-361	
63929					BG	JB3017	E-361	
63930					BG	36202F	E-361	
63931					BF	36202F	E-361	
63932					BF	JB3015	E-361	
63933					BF	30640A	E-361	
63934			2PBF1282A	MV2932 POWER CIRCUIT	BG	30595A	E-361	
63935					BF	30595A	E-361	
63936			BF1282	MV2932 LOCAL CONTROLLER (CH. 2)	BF		E-361	
63937			C5720	MV2932 CONTROL ROOM PANEL (CH. 2)	FF		E-353	
63938			CDF-12C	MV2932 DISCONNECT SWITCH (CH. 2)	BF		E-361	
63939			EV2930	MV2932 TERMINAL BOX (CH. 2)	BG		E-361	
63940			MV2932	SW TO COLLECTION BASIN VALVE (CH. 2)	BG		E-361	
63941			NV2932	MV2932 LOCAL CONTROLLER (CH. 2)	BG		E-361	
63941A		SW630	N/A	TPCCW HX1 OUTLET	II	N/A		
63941B		SW631	N/A	TPCCW HX2 OUTLET	II	N/A		
63941C		SW632	N/A	TPCCW HX3 OUTLET	II	N/A		

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