FORM APF-05D-001-02, REV. 13

CALCULATION CHANGE NOTICE

CCN NO. XX-E-013 - 004 - CN012

Base Calc No. Rev No. Sequence No.

CALCULATION TITLE – From *CALCULATION TITLE* field in EIS:
POST-FIRE SAFE SHUTDOWN (PFSSD) ANALYSIS

Administrative?	☐ YES ☑ NO	**ASSOCIATED ENGINEERING CHANGE #:**	020720

REGULATORY REVIEWS:

☐ Attached — **50.59 Evaluation #** ______________

☑ Evaluated with CP#: Met per DECP 020720

☐ Not Applicable — N/A Only if Administrative

USAR CHANGE REQUIRED? ☐ YES ☑ NO	**Tracking #, as applicable:**	
DOCUMENTS IMPACTED? ☐ YES ☑ NO	**Tracking #, as applicable:**	

CCN Status: ☑ COMMITTED ☐ FINAL ☐ VOID ☐ SUPERSEDED

ORIG	DigsigOrg 2.8, 0.7 Richard Rojas Printed Name RICHARD ROJAS Signature **QUALIFICATION REQUIRED:**	12/5/2023 Date **ES9280479**	**ORIG**	Printed Name Signature **QUALIFICATION REQUIRED:**	Date **ES9280479**
VERF	DigsigVer 2.8, 0.7 Kristine Sheridan-Harris Printed Name Signature **QUALIFICATION REQUIRED:**	01/23/2024 Date **ES9280479**	**VERF**	Printed Name Signature **QUALIFICATION REQUIRED:**	Date **ES9280479**
APP	DigsigApp 2.8, 0.7 David Sullivan Printed Name Signature	01/23/2024 Date	**APP**	Printed Name Signature	Date

Digsig

DAVID F. SULLIVAN
LICENSED
27028
KANSAS
PROFESSIONAL ENGINEER

Digitally signed by David F. Sullivan
DN: c=US, st=Missouri, l=Kansas City, o=Evergy, Inc., cn=David F. Sullivan
Date: 2024.01.23 11:55:47 -06'00'

DigsigCert 3.5 1.75

RPE Certification (For ASME Section III Stress/Design Reports, refer to AP 05D-001 for qualification requirements)

CALCULATION CHANGE NOTICE	CCN NO. XX-E-013 (Base Calc No.) - 004 (Rev No.) - CN012 (Sequence No.)

CALCULATION SUBJECT (Statement Of Problem) - Enter this in *SUBJECT* field in EIS:

DECP 020720 is relocating the SA075A MSFIS Panel from NK05119 to NK05103. This CCN is to update the coordination that is outlined in Appendix 3 of XX-E-013 to accurately reflect the current system configuration.

CALCULATION DATABASE INPUT	CCN NO. XX-E-013 (Base Calc No.) - 004 (Rev No.) - CN012 (Sequence No.)

Link new systems to the calculation/CCN in EIS.	
Systems Affected:	NK, SA
Link computer code(s) used to develop the calculation/CCN in EIS.	
Computer Code:	None
Develop relationships between interdependent calculations in EIS.	
Additional Calculations Providing Input to this calculation:	None
Additional Calculations Impacted by this calculation:	None
Develop relationships between the controlled documents and the calculation/CCN in EIS.	
Additional Controlled Documents Inputs to this calculation:	None
Additional Controlled Documents Impacted by this calculation:	None
The reference documents listed below are those that cannot be linked to the calculation/CCN and shall be entered in the INDUSTRY REFERENCE field in EIS, e.g., ASME Codes, ANSI Standards, letters, etc.	
Additional Other Reference Documents:	DECP 020720
Link new components to the calculation/CCN in EIS.	
Additional Components:	None

REFER TO DESKTOP GUIDE FOR PROCESSING CALCULATIONS IN EIS

LIST OF EFFECTIVE PAGES

CCN NO. XX-E-013 - 004 - CN012

Base Calc No. | Rev No. | Sequence No.

CCN Page No.	Calc. Page Affected CVR/SCRN/ Other	CCN Page No.	Calc. Page Affected /CVR/SCRN /Other	CCN Page No.	Calc. Page Affected /CVR/SCRN /Other	CCN Page No.	Calc. Page Affected /CVR/SCRN /Other
All	Appendix 3						

AD = Applicability Determination
CVR = Calculation Verification Report (if applicable)
SCRN = Regulatory Screening (if applicable)

1. **Purpose:**

DECP 020720 is relocating the SA075A MSFIS Panel from NK05119 to NK05103. This CCN is to update the coordination that is outlined in Appendix 3 of XX-E-013 to accurately reflect the current system configuration.

2. **Results, Conclusion, Margins, and Recommendations:**

a. **Results and Conclusions**

The changes proposed by this CCN is to update the coordination that is outlined in Appendix 3 of XX-E-013 to accurately reflect the current system configuration. These changes do not change the results of the base calculation.

b. **Margins**

The changes proposed under this CCN do not adversely impact the results of the base calculation. These changes are acceptable.

c. **Recommendations**

There are no recommendations as a result of this CCN because this CCN does no adversely impact the results of the base calculation.

3. **Impact on Outstanding CCNs:**

- XX-E-013-004-CN001 – [VOID] - There is no impact on this calculation.
- XX-E-013-004-CN002 – [FINAL] – DCP 014209 removes the HMCP breakers from MCC cubicles NG03DBF6 and NG04DBF6, which were added as PFSSD components in CCN XX-E-013-002-CN014 per DCP 13800. These breaker cubicles provide power and control functions for Train A and B emergency diesel generator room supply fan motors DCGM01A and DCGM01B, respectively. Due to breaker coordination issues, DCP 014209 will modify the power supply to supply 480 VAC power to the diesel generator room supply fan motors DCGM01A and DCGM01B directly from new load center breakers NG0308 and NG0408, respectively. Breakers NG0308 and NG0408 will supply power to the fan control functions within NG03DBF6 and NG04DBF6, respectively. Therefore, MCC cubicles NG03DBF6 and NG04DBF6 will remain as PFSSD components. The changes per this update do not impact the evaluation performed by this calculation.
- XX-E-013-004-CN003 – [COMMITTED] - Change Package 014658 is replacing cable from EDGs speed signal generators to the EDGs speed switches. Appendices 1, 2 and 3 are updated to reflect these changes. The changes per this update do not impact the evaluation performed by this calculation.
- XX-E-013-004-CN004 – [FINAL] - CP 015070 is changing the 120VAC source from system NG to NN for the control room a/c unit inlet and exhaust dampers GKHZ0029A/B (Train A) & GKHZ0040A/B (Train B). The changes per this update do not impact the evaluation performed by this calculation.
- XX-E-013-004-CN005 – [SUPERSEDED] – There is no impact on this calculation.
- XX-E-013-004-CN006 – [FINAL] – CP 012513 is replacing XNB02, and the change impacts the PFSSD components for XNB02. The changes per this update do not impact the evaluation performed by this calculation.
- XX-E-013-004-CN007 – [FINAL] - DCP 020021 is replacing XNB01, and the new transformer will have a Load Tap Changer (LTC) to control the voltage supplied to 4.16kV bus NB01 even if the 13.8 kV input voltage level changes. The DCP is also replacing/deleting relays in the MA104F panel, and the relays are addressed by XX-E-013. The changes per this update do not impact the evaluation performed by this calculation.

- XX-E-013-004-CN008 – [FINAL] – CP 013324 replaces the analog-based Westinghouse 7300 Nuclear Steam Supply System (NSSS) with a digital Emerson Ovation Distributed Control System (DCS). The changes per this update do not impact the evaluation performed by this calculation.

- XX-E-013-004-CN009 – [COMMITTED] - This change incorporates changes per CP 020292 (Substation Transformers NO. 8, 9, 10 & 11 and Breakers Replacement R25) that removes breakers switchyard breakers 13-8 and 13-48 and replaces them with new switchyard breakers 13-49 and 13-50, respectively. The changes per this update do not impact the evaluation performed by this calculation.

- XX-E-013-004-CN010 – [FINAL] - This change relocates the power supply to SA075B panel from NK05423 to NK05403. The changes per this update do not impact the evaluation performed by this calculation change notice.

- XX-E-013-004-CN011 – [COMMITTED] - CP 015000 replaces the startup transformer XMR01 and replacing several components from Phase Differential Relay, along with the Neutral Ground Relay, while eliminating the Deluge Relay AR7, and the fault pressure relay 463X-2/T2. The changes per this update do not impact the evaluation performed by this calculation.

4. Assumptions and Input:

None

5. Methodology and Computations:

None

6. Affected Pages:

Appendix 3 pages 3, 4, 14, 100, 122 need to be revised per attached markup.

7. References:

DECP 020720

ATTACHMENT 1

CCN NO. XX-E-013 - 004 - CN012

Base Calc No. Rev No. Sequence No

APPENDIX 3
PFSSD COMPONENT LIST

CALCULATION NO. XX-E-013
REVISION NO. 4 .
Page 3

(Sorted by System / Component ID)

Component ID	S/G	Description	Room	Fire Area	Instrument Location	SSD Fun	Sprtd Fun	Hot Stdby	Cold Shdwn	Normal Shdwn	Alt Shdwn	P&ID	Schematic / One Line	Other Drawings	Power Source	Notes	REV
ABHS0064	4	Main Steam Dump Actuate Hand Switch	3601	C-27	RL005	R, H	—	X	X	X	—	M-12AB03	E-13AB31 E-13AB08 E-13AB11A E-13AB11B E-13AB11C	M-767-00187 M-767-00188	NK4416	Needed for MSIV failure, fire in A-15 or A-23	0
ABHS0079	4	MSIV and Bypass Valve All Close Hand Switch	3601	C-27	RL006	R, M, H	—	X	—	X	X	M-12AB02	E-13AB23B E-13AB27 E-11NK02 E-13RL01 E-13RP09	E-093-00051 E-093-00050 J-104-00325 J-104-00326 J-200-00065 J-200-00070	NK5423 NK4417	Close MSIVs immediately after manual reactor trip and before evacuating control room. XX-E-013-001-CN002	2
ABHS0080	1	MSIV and Bypass Valve All Close Hand Switch	3601	C-27	RL006	R, M, H	—	X	—	X	X	M-12AB02	E-13AB23A E-13AB26 E-11NK01 E-13RP09	E-093-00048 J-104-00281 J-104-00322 J-200-00065 J-200-00069	~~NK5119~~ NK5113	Close MSIVs immediately after manual reactor trip and before evacuating control room. XX-E-013-001-CN002	2
ABHV0005	2	Main Steam Loop 2 to AFWP Turbine Isolation	1412	A-23	—	R, M, H	—	X	X	X	X	M-12AB02	E-13AB01A	—	Air	—	0
ABHV0006	2	Main Steam Loop 3 to AFWP Turbine Isolation	1412	A-23	—	R, M, H	—	X	X	X	X	M-12AB02	E-13AB01	—	Air	—	0
ABHV0011	1, 4	Main Steam Isolation Valve Loop 4	1508	A-23	—	R, M, H	—	X	X	X	X	M-12AB02	E-13AB26 E-13AB27 E-13AB28 E-13AB29	—	~~NK5119~~ NK5423	XX-E-013-001-CN002, XX-E-013-001-CN004	2
ABHV0012	1, 4	Main Steam Isolation Bypass Valve Loop 4	1508	A-23	—	R, M, H	—	X	X	X	X	M-12AB02	E-13AB23B	—	Air	XX-E-013-001-CN002	2
ABHV0014	1, 4	Main Steam Isolation Valve Loop 1	1508	A-23	—	R, M, H	—	X	X	X	X	M-12AB02	E-13AB26 E-13AB27 E-13AB28 E-13AB29	—	~~NK5119~~ NK5423	XX-E-013-001-CN002, XX-E-013-001-CN004	2
ABHV0015	1, 4	Main Steam Isolation Bypass Valve Loop 1	1508	A-23	—	R, M, H	—	X	X	X	X	M-12AB02	E-13AB23B	—	Air	—	0
ABHV0017	1, 4	Main Steam Isolation Valve Loop 2	1509	A-23	—	R, M, H	—	X	X	X	X	M-12AB02	E-13AB26 E-13AB27 E-13AB28 E-13AB29	—	~~NK5119~~ NK5423	XX-E-013-001-CN002, XX-E-013-001-CN004	2
ABHV0018	1, 4	Main Steam Isolation Bypass Valve Loop 2	1509	A-23	—	R, M, H	—	X	X	X	X	M-12AB02	E-13AB23B	—	Air	—	0

NK5103

ATTACHMENT 1

CCN NO. XX-E-013 - 004 - CN012

Base Calc No. Rev No. Sequence No

NK5103

CALCULATION NO. XX-E-013
REVISION NO. 4 .
Page 4

APPENDIX 3
PFSSD COMPONENT LIST

(Sorted by System / Component ID)

Component ID	S/G	Description	Room	Fire Area	Instrument Location	SSD Fun	Sprtd Fun	Hot Stdby	Cold Shdwn	Normal Shdwn	Alt Shdwn	P&ID	Schematic / One Line	Other Drawings	Power Source	Notes	REV
ABHV0020	1, 4	Main Steam Isolation Valve Loop 3	1509	A-23	---	R, M, H	---	X	X	X	X	M-12AB02	E-13AB26 E-13AB27 E-13AB28 E-13AB29	---	~~NK5119~~ NK5423	XX-E-013-001-CN002, XX-E-013-001-CN004	2
ABHV0021	1, 4	Main Steam Isolation Bypass Valve Loop 3	1509	A-23	---	R, M, H	---	X	X	X	X	M-12AB02	E-13AB23B	---	Air	---	0
ABHV0031	5	Main Stm Supply to MSR A&C 2nd Stage Iso Vlv	4501	T-2	---	R, H	---	X	X	X	---	M-12AB03	E-13AB02A	---	PG11JFR2	Needed for MSIV failure, fire in A-15 or A-23	0
ABHV0032	5	Main Stm Supply to MSR B&D 2nd Stage Iso Vlv	4401W	TURB	---	R, H	---	X	X	X	---	M-12AB03	E-13AB02B	---	PG12KAF4	Needed for MSIV failure, fire in A-15 or A-23	0
ABHV0046	6	Main Steam to Steam Seal System Iso Vlv	4351	T-2	---	R, H	---	X	X	X	---	M-12AB03	E-13AB22	---	PG12KAF5	Needed for MSIV failure, fire in A-15 or A-23	0
ABHY0005	2	ABHV0005 Solenoid Valve	1412	A-23	---	R, M, H	---	X	X	X	X	M-12AB02	E-13AB01A E-13RL03 E-03RP14	---	NK4206 NK4201	---	0
ABHY0006	2	ABHV0006 Solenoid Valve	1412	A-23	---	R, M, H	---	X	X	X	X	M-12AB02	E-13AB01 E-13RL03 E-03RP14	---	NK4206 NK4201	---	0
ABHY0012A	1	ABHV0012 Solenoid Valve	1411	A-23	---	R, M, H	---	X	X	X	X	M-12AB02	E-13AB23A E-13RP09 E-11NK01	E-093-00048	NK5113	---	0
ABHY0012B	4	ABHV0012 Solenoid Valve	1411	A-23	---	R, M, H	---	X	X	X	X	M-12AB02	E-13AB23B E-13RP09 E-11NK02	E-093-00050 E-093-00051	NK4417	---	0
ABHY0015A	1	ABHV0015 Solenoid Valve	1508	A-23	---	R, M, H	---	X	X	X	X	M-12AB02	E-13AB23A E-13RP09 E-11NK01	E-093-00048	NK5113	---	0
ABHY0015B	4	ABHV0015 Solenoid Valve	1508	A-23	---	R, M, H	---	X	X	X	X	M-12AB02	E-13AB23B E-13RP09 E-11NK02	E-093-00050 E-093-00051	NK4417	---	0
ABHY0018A	1	ABHV0018 Solenoid Valve	1509	A-23	---	R, M, H	---	X	X	X	X	M-12AB02	E-13AB23A E-13RP09 E-11NK01	E-093-00048	NK5113	---	0
ABHY0018B	4	ABHV0018 Solenoid Valve	1509	A-23	---	R, M, H	---	X	X	X	X	M-12AB02	E-13AB23B E-13RP09 E-11NK02	E-093-00050 E-093-00051	NK4417	---	0

ATTACHMENT 1	CCN NO. XX-E-013 (Base Calc No.) - 004 (Rev No.) - CN012 (Sequence No)

NK5103

APPENDIX 3
PFSSD COMPONENT LIST

CALCULATION NO. XX-E-013
REVISION NO. 4

(Sorted by System / Component ID)

Component ID	S/G	Description	Room	Fire Area	Instrument Location	SSD Fun	Sprtd Fun	Hot Stdby	Cold Shdwn	Normal Shdwn	Alt Shdwn	P&ID	Schematic / One Line	Other Drawings	Power Source	Notes	REV
AEHS0080	1	Main Feedwater Isolation Valves All Close	3601	C-27	RL006	H	---	X	X	X	---	M-12AE02	E-13AE14 E-11NK01	J-104-00296 J-104-00323 J-104-00324 J-200-00065 J-200-00069	~~NK5119~~	Required to close MFIV's to ensure aux feedwater flow to the appropriate SG. Added in CCN-XX-E-013-000-CN005. XX-E-013-001-CN002	2
AEHS0081	4	Main Feedwater Isolation Valves All Close	3601	C-27	RL006	H	---	X	X	X	---	M-12AE02	E-13AE15 E-11NK02	J-104-00296 J-104-00327 J-104-00328 J-200-00065 J-200-00070	NK5423	Required to close MFIV's to ensure aux feedwater flow to the appropriate SG. Added in CCN-XX-E-013-000-CN005. XX-E-013-001-CN002	2
AELI0501	1	Steam Generator A Wide Range Water Level	3601	C-27	RL025	H	---	X	X	X	---	M-12AE02	E-13AE08 E-13NN01 E-13SB08D E-13SB09	M-761-00099 M-761-00042	NN0111	---	0
AELI0502	2	Steam Generator B Wide Range Water Level	3601	C-27	RL025	H	---	X	X	X	---	M-12AE02	E-13AE08 E-13NN01 E-13SB08D E-13SB09	M-761-00099 M-761-00043 M-761-02040 M-761-02303	NN0212 NN0217	---	0
AELI0502A	2	Steam Generator B Wide Range Water Level	1413S	A-28	RP118B	H	---	X	X	---	X	M-12AE02	E-13AE08 E-13NN01 E-13SB09 E-03SB16	M-761-00099 M-761-00043 M-761-02040 M-761-02303	NN0217	XX-E-013-001-CN004	2
AELI0503	3	Steam Generator C Wide Range Water Level	3601	C-27	RL025	H	---	X	X	X	---	M-12AE02	E-13AE08 E-13NN01 E-13SB08D E-13SB09	M-761-00099 M-761-00044	NN0311	---	0
AELI0504	4	Steam Generator D Wide Range Water Level	3601	C-27	RL025	H	---	X	X	X	---	M-12AE02	E-13AE08 E-13NN01 E-13SB09	M-761-00099 M-761-00045 M-761-02093 M-761-02310	NN0414 NN0420	---	0
AELI0504A	4	Steam Generator D Wide Range Water Level	1413S	A-28	RP118B	H	---	X	X	---	X	M-12AE02	E-13AE08 E-13NN01 E-13SB09 E-03SB16	M-761-00099 M-761-00045 M-761-02310	NN0420	XX-E-013-001-CN004	2
AELI0517	4	Steam Generator A Narrow Range Water Level	3601	C-27	RL026	H	---	X	X	X	---	M-12AE02	E-13SB08D	M-761-02094	NN0414	---	0

ATTACHMENT 1	CCN NO. XX-E-013 (Base Calc No.) - 004 (Rev No.) - CN012 (Sequence No)	Page 10

APPENDIX 3
PFSSD COMPONENT LIST

CALCULATION NO. XX-E-013
REVISION NO. 4
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(Sorted by System / Component ID)

Component ID	S/G	Description	Room	Fire Area	Instrument Location	SSD Fun	Sprtd Fun	Hot Stdby	Cold Shdwn	Normal Shdwn	Alt Shdwn	P&ID	Schematic / One Line	Other Drawings	Power Source	Notes	REV
NK51	1	125VDC Class 1E Distribution Switchboard	3408	C-16	—	S	R, M, H	X	X	X	—	—	E-11NK01	—	NK0105	—	0
NK5100	1	125VDC Class 1E Distr Swbd Incoming Feeder	3408	C-16	—	S	R, M, H	X	X	X	—	—	E-11NK01	—	NK0105	—	0
NK5101	1	NG03 Breaker Control Power	3408	C-16	—	S	M	X	X	X	—	—	E-13NG11 E-11NK01	—	NK51	—	0
NK5102	1	NG01 Breaker Control Power	3408	C-16	—	S	R, M, H	X	X	X	—	—	E-13NG11 E-11NK01	—	NK51	—	0
NK5108	1	Pressurizer PORV (BBPCV0455A)	3408	C-16	—	S	M	X	X	X	X	—	E-11NK01 E-13BB40	—	NK51	PORV BBPCV0455A fails closed if NK5108 is open	0
NK5109	1	Reactor Auxiliary Control Pnl (RL021/RL022)	3408	C-16	—	S	M, H	X	X	X	X	—	E-11NK01	—	NK51	—	0
NK5110	1	ESFAS Cabinet (SA036A)	3408	C-16	—	S	H	X	X	X	—	—	E-11NK01	—	NK51	—	0
NK5111	1	Diesel Generator Control Panel (KJ121)	3408	C-16	—	S	R, M, H	X	X	X	—	—	E-11NK01	—	NK51	—	0
NK5113	1	Auxiliary Relay Rack (RP209)	3408	C-16	—	S	R, M, H	X	X	X	—	—	E-11NK01	—	NK51	—	0
~~NK5119~~	1	MSFIS Cabinet (SA075A)	3408	C-16	—	S	R, M, H	X	X	X	X	—	E-11NK01	—	NK51	XX-E-013-001-CN002	2
NK5120	1	Emergency Lighting Distribution Swbd (NK51A)	3408	C-16	—	S	R, M, H	X	X	X	X	—	E-11NK01	—	NK51	—	0
NK51A	1	Emergency Lighting Distribution Swbd NK5103	3408	C-16	—	S	R, M, H	X	X	X	X	—	E-11NK01	—	NK5120	—	0
NK51A01	1	Control Room Emergency DC Lighting	3408	C-16	—	S	R, M, H	X	X	X	—	—	E-11NK01	—	NK51A	—	0
NK54	4	125VDC Class 1E Distribution Switchboard	3404	C-15	—	S	R, M, H	X	X	X	X	—	E-11NK02	—	NK0405	—	0
NK5400	4	125VDC Class 1E Distr Swbd Incoming Feeder	3404	C-15	—	S	R, M, H	X	X	X	X	—	E-11NK02	—	NK0405	—	0
NK5401	4	NG02 Breaker Control Power	3404	C-15	—	S	R, M, H	X	X	X	X	—	E-13NG11B E-11NK02	—	NK54	—	0
NK5409	4	ESFAS Cabinet (SA036B)	3404	C-15	—	S	H	X	X	X	—	—	E-11NK02	—	NK54	—	0
NK5410	4	Reactor Trip Switchgear Cabinet (SB102B)	3404	C-15	—	S	R	X	X	X	X	—	E-11NK02	—	NK54	—	0
NK5412	4	Load Shed/Sequencer Panel Ch 1 & 4 (NF039C)	3404	C-15	—	S	H	X	X	X	—	—	E-13NF01 E-11NK02	—	NK54	—	0
NK5414	4	Diesel Generator Control Panel (KJ122)	3404	C-15	—	S	R, M, H	X	X	X	X	—	E-11NK02	—	NK54	—	0
NK5423	4	MSFIS Cabinet (SA075B)	3404	C-15	—	S	R, M, H	X	X	X	X	—	E-11NK02	—	NK54	XX-E-013-001-CN002	2

ATTACHMENT 1	CCN NO. XX-E-013 (Base Calc No.) - 004 (Rev No.) - CN012 (Sequence No)

APPENDIX 3
PFSSD COMPONENT LIST

CALCULATION NO. XX-E-013
REVISION NO. 4 .

(Sorted by System / Component ID)

Component ID	S/G	Description	Room	Fire Area	Instrument Location	SSD Fun	Sprtd Fun	Hot Stdby	Cold Shdwn	Normal Shdwn	Alt Shdwn	P&ID	Schematic / One Line	Other Drawings	Power Source	Notes	REV
SA066B	4	Status Logic/Term Cabinet (Group 4)	3605	C-27	—	S	R, M, H	X	X	X	—	—	E-13SA20 E-03SA22	—	—	The status monitoring panel is not required for PFSSD. The panel is included because cables to the panel from PFSSD components may be damaged and defeat the PFSSD component's function. Consequently, the status panel power supply is not required for PFSSD	0
SA066C	2	Status Logic/Term Cabinet (Group 2)	3605	C-27	—	S	R, M, H	X	X	X	—	—	E-13SA23 E-03SA22	—	—	The status monitoring panel is not required for PFSSD. The panel is included because cables to the panel from PFSSD components may be damaged and defeat the PFSSD component's function. Consequently, the status panel power supply is not required for PFSSD	0
SA075A	1	MSFIS Cabinet	3605	C-27	—	S	R, M, H	X	X	X	X	—	E-13AB26 E-13AB30 E-11NK01	J-104-00281 J-104-00322	~~NK5110~~ NK5103	—	0
SA075B	4	MSFIS Cabinet	3605	C-27	—	S	R, M, H	X	X	X	X	—	E-13AB27 E-13AB30 E-11NK02	J-104-00325 J-104-00326	NK5423	—	0
SB029A	1	Cab W SS Prot Sys Input Trn A	3605	C-27	—	S	H	X	X	X	—	—	E-13SB01 E-13NN01	—	NN0110 NN0210 NN0309 NN0409	—	0
SB029B	1	Cab W SS Prot Sys Logic Trn A	3605	C-27	—	S	H	X	X	X	—	—	E-13SB03	—	NN0110 NN0210 NN0309 NN0409	—	0