FORM APF-05D-001-02, REV. 12

CALCULATION CHANGE NOTICE

CCN NO.	XX-E-013	004	CN010
	Base Calc No.	Rev No.	Sequence No.

CALCULATION TITLE - From *CALCULATION TITLE* field in EIS:
Post-Fire Safe Shutdown (PFSSD)Analysis

COMPUTER CODE: N/A **VERSION:** N/A

Administrative?	☐ YES ☑ NO	ASSOCIATED ENGINEERING CHANGE #:	020641

REGULATORY REVIEWS:
☐ Attached — **Evaluation #** ____________
☑ Attached to: Met per DECP020641
☐ Not Applicable — N/A Only if Administrative

USAR STATEMENT:
☐ Requires a change to the USAR:
☑ Does NOT require a change to the USAR

ANY DOCUMENTS IMPACTED?
☐ YES If yes, enter: SWO #, or Condition Report #, if applicable.
☑ NO

Status: ☐ COMMITTED ☑ FINAL ☐ VOID ☐ SUPERSEDED

ORIG	Ismail Boussag *Printed Name* *Signature* **QUALIFICATION REQUIRED:**	03/15/2023 *Date* **ES9280479**	**ORIG**	*Printed Name* *Signature* **QUALIFICATION REQUIRED:**	*Date* **ES9280479**
VERF	*DigsigVer 2.8, 0.7* Alex Alahmed *Printed Name* *Signature* **QUALIFICATION REQUIRED:**	03/27/2023 *Date* **ES9280479**	**VERF**	*Printed Name* *Signature* **QUALIFICATION REQUIRED:**	*Date* **ES9280479**
APP	*DigsigApp 2.8, 0.7* Jason Pankaskie *Printed Name* Jason Pankaskie *Signature*	3/27/2023 *Date*	**APP**	*Printed Name* *Signature*	*Date*

DigsigCert 3.5 1.75

ISMAIL BOUSSAG
LICENSED
28291
KANSAS
PROFESSIONAL ENGINEER

Digitally signed by Ismail Boussag
Date: 2023.03.27 15:21:35 -05'00'

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

CALCULATION CHANGE NOTICE	 **CCN NO.** XX-E-013 - 004 - CN010 Base Calc No. / Rev No. / Sequence No.

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

DECP 020641 resulted in the relocation of the SA075B panel from NK05423 to NK05403 during RF25. The purpose of this CCN is to document the change and ensure that Appendix 3 of the parent calculation is updated at the next available opportunity to accurately reflect the current system configuration.

CALCULATION DATABASE INPUT	CCN NO. XX-E-013 (Base Calc No.) - 004 (Rev No.) - CN010 (Sequence No.)

Link new systems to the calculation/CCN in EIS.	
Systems Affected:	SA, NK
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 calculation/CCN and controlled reference documents 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:	DECP020641
Link new components to the calculation/CCN in EIS.	
Additional Components:	N/A

REFER TO DESKTOP GUIDE FOR PROCESSING CALCULATIONS IN EIS

LIST OF EFFECTIVE PAGES

CCN NO. XX-E-013 - 004 - CN010

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

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

DVR = Design Verification Report (if applicable)
SCRN = Regulatory Screening (if applicable)
AD = Applicability Determination

❖ Purpose

DECP 020641 resulted in the relocation of the SA075B panel from NK05423 to NK05403 in RF25. The purpose of this CCN is to document the change and ensure that Appendix 3 of the parent calculation is updated at the next available opportunity to accurately reflect the current system configuration.

❖ Result, Conclusion, Margins, and Recommendation

➢ a. Results and Conclusions

The changes proposed under this CCN does not change the results of the base calculation. Appendix 3 of the parent calculation needs to be updated at the next available opportunity to accurately reflect the current system configuration.

➢ Margins

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

➢ Recommendations

There are no recommendations as a result of this CCN since this CCN does not adversely impact the results of the base calculation.

❖ Impact on outstanding CCNs

The previous calculation change notices were reviewed to determine the cumulative impact.

- XX-E-013-004-CN001 – Void
- XX-E-013-004-CN002 – Final: DCP 14209 removes HMCP breakers from MCC cubicles NG03DBF6 and NG04DBF6 due to breaker coordination issues. The breaker cubicles provide power and control functions for Train A and B emergency diesel generator room supply fan motors DCGM01A and DCGM01B. Instead, the power supply will be modified to supply 480 VAC power to the fan motors directly from new load center breakers NG0308 and NG0408, respectively. MCC cubicles NG03DBF6 and NG04DBF6 will remain as PFSSD components, and the changes will not impact the evaluation performed by this calculation.
- XX-E-013-004-CN003 – Committed: Change Package 14658 replaces the cable from EDGs speed signal generators to the EDGs speed switches. Appendices 1, 2, and 3 are updated accordingly. The changes will not impact the evaluation performed by this calculation.
- XX-E-013-004-CN004 – Final: CP 15070 changes 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). These changes will not impact the evaluation performed by this calculation.
- XX-E-013-004-CN005- Superseded: CP 20021 replaces XNB01, which impacts its PFSSD components. These changes will not impact the evaluation performed by this calculation.
- XX-E-013-004-CN006 – Final: CP 12513 replaces XNB02, but the change will not affect the evaluation performed by the calculation. The update only impacts the PFSSD components for XNB02.
- XX-E-013-004-CN007-Final: CP 020021 replaces XNB01 and as a result, the relay designations for transformer protection features need to be revised. The update also includes a discussion of the load tap changer feature of the new transformer, with clarification that it is not PFSSD. Additionally, XX-E-013-004-CN007 replaces XXE-013-004-CN005 entirely. These changes will not impact the evaluation performed by this calculation.

CALCULATION SHEET

CCN NO. XX-E-013 - 004 - CN010

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

- XX-E-013-004-CN008-Final: CP 13324 involves replacing the 7300 Controls System with a new Ovation DCS components. As a result of this change, updates have been made to the PFSSD functional descriptions and components to reflect the new system. These changes will not impact the evaluation performed by this calculation.
- XX-E-013-004-CN009-Committed: involves the replacement of switchyard breakers 13-8 and 13-48 with new switchyard breakers 13-49 and 13-50, respectively, as detailed in WIP-KD-7496-073-B-1, R0. The breaker numbers referenced in Appendix 3 of XX-E-013 are updated from 13-8 and 13-48 to 13-49 and 13-50 by this CCN. The change is in accordance with CP 020292. These changes will not impact the evaluation performed by this calculation.

❖ **Assumption and input**

None.

❖ **Methodology and Computations**

None.

❖ **Affected pages**

➢ Pages 3, 4, 14, 100 and 122 of appendix 3 need to be revised per attached markup

❖ **References:**

DECP 020641.

FORM APF-05D-001-02, REV. 12

ATTACHMENT 1	CCN NO. XX-E-013 (Base Calc No.) - 004 (Rev No.) - CN010 (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
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 NK05403	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~~ NK05403	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~~ NK05403	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~~ NK05403	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

FORM APF-05D-001-02, REV. 12

ATTACHMENT 1

CCN NO. XX-E-013 - 004 - CN010

Base Calc No. Rev No. Sequence No

APPENDIX 3
PFSSD COMPONENT LIST

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

(Sorted by System / Component ID)

Page 4

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~~ NK05403	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 - 004 - CN010	Page 9
	Base Calc No. / Rev No. / Sequence No	

APPENDIX 3
PFSSD COMPONENT LIST

CALCULATION NO. XX-E-013
REVISION NO. 4 .
(Sorted by System / Component ID)
Page 14

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~~ NK05403	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 - 004 - CN010

Base Calc No. Rev No. 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
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	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
~~NK5403~~	4	MSFIS Cabinet (SA075B)	3404	C-15	—	S	R, M, H	X	X	X	X	—	E-11NK02	—	NK54	XX-E-013-001-CN002	2

NK05403

ATTACHMENT 1	CCN NO. XX-E-013 (Base Calc No.) - 004 (Rev No.) - CN010 (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	NK5119	—	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~~ NK05403	—	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