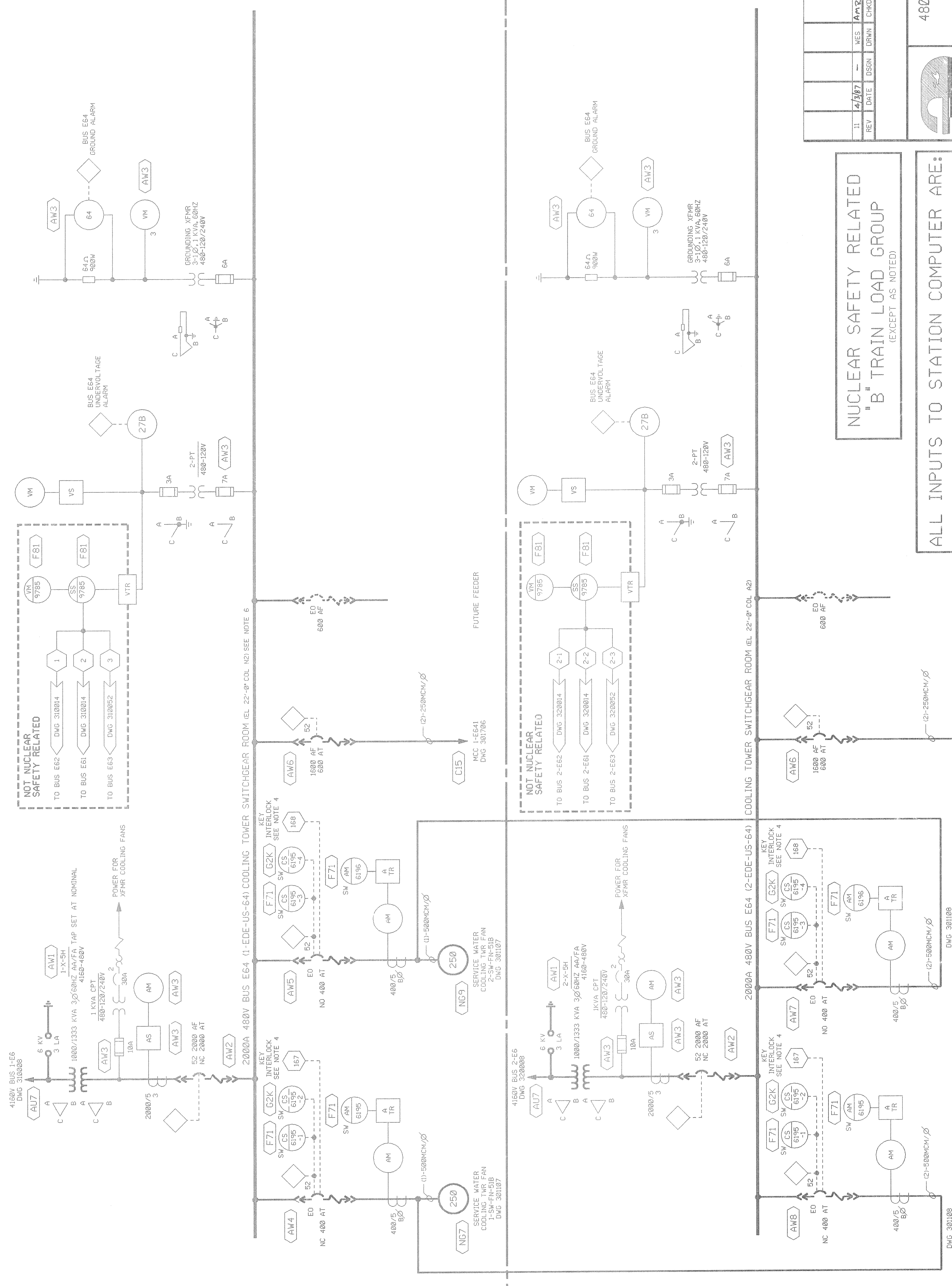


401704-AHN-1

11 10 9 8 7 6 5 4 3 2 1

- NOTES:
- FOR GENERAL NOTES SEE DWG 301204.
 - THE SYSTEM PREFIX IS "EDE" UNLESS OTHERWISE NOTED. ALL ELECTRICAL SYMBOLS AND NOTATION ARE TO BE PRECEDED WITH A SYSTEM PREFIX UNLESS OTHERWISE NOTED.
 - ISB UNLESS OTHERWISE NOTED.
 - KEY IS REMOVABLE ONLY WHEN BREAKER IS IN THE LOCKED OPEN POSITION.
 - FOR INFORMATION ON THE LOCATION OF ALL LINES ON UNDER VOLTAGE, SEE BUS 1E6S DWG 300808.
 - LOADING ON SUBSTATION BUS NOT TO EXCEED 600 KVA.



NUCLEAR SAFETY RELATED
"B" TRAIN LOAD GROUP
(EXCEPT AS NOTED)

ALL INPUTS TO STATION COMPUTER ARE:
"NOT NUCLEAR SAFETY RELATED"

REV	DATE	DSGN	DRWN	CHKD	CE	LD	DESCRIPTION
11	4/3/87		AW2	77N	RHC		REWORK ON GROUND TECHNICAL CHANGES

New Hampshire
Yankee

480V UNIT SUBSTATION BUSES
1-E64 & 2-E64
ONE LINE DIAGRAM

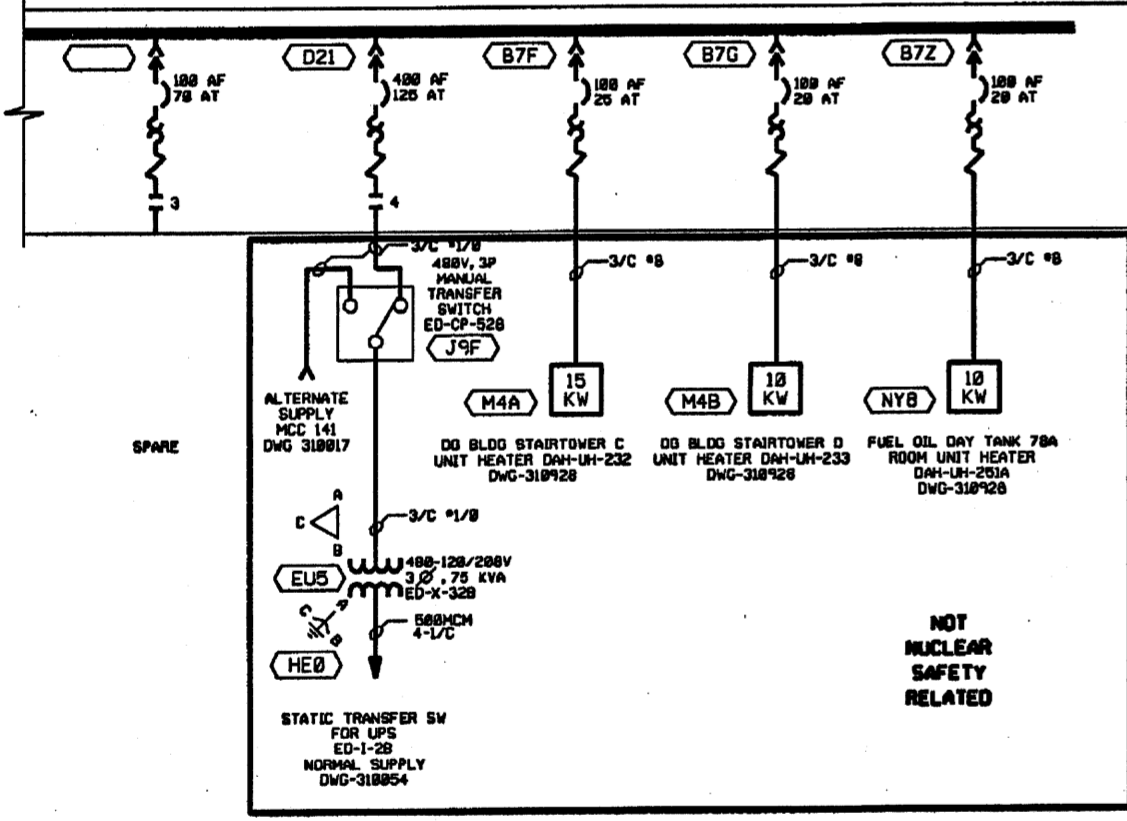
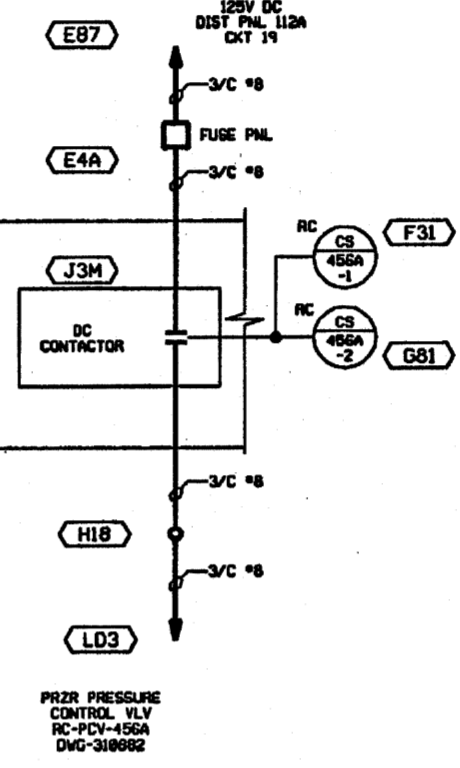
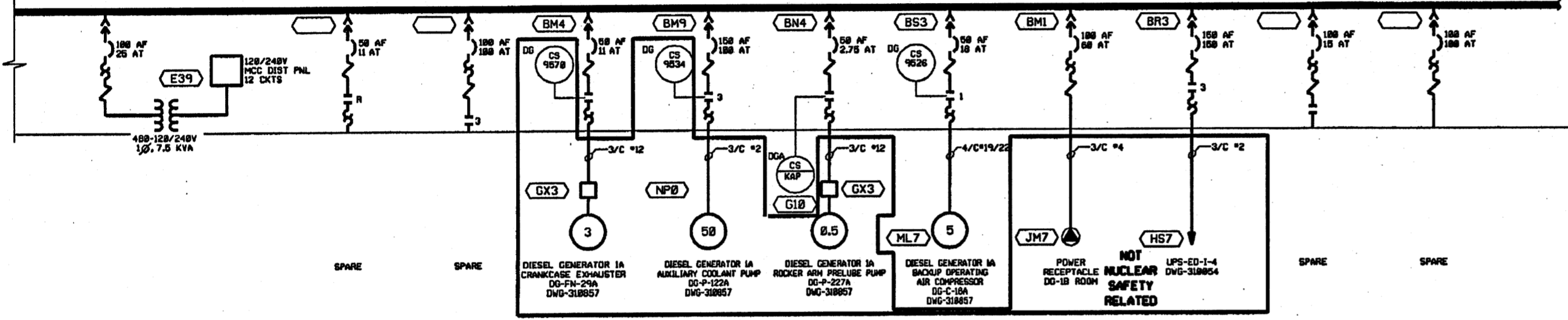
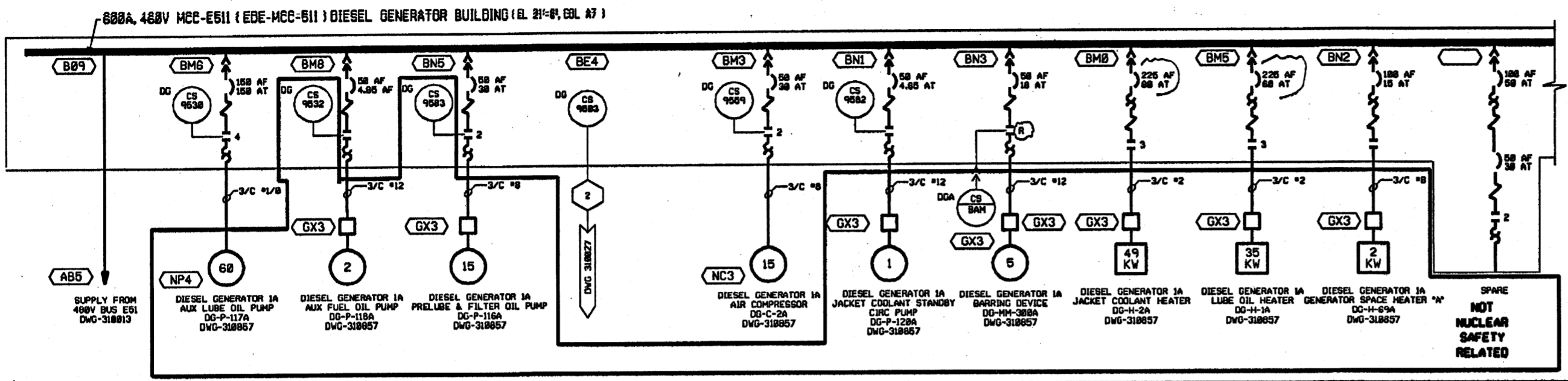
SEABROOK STATION
UNIT 1 & 2 1-NHY-301704

H G F E D C B A

E2001E -AHN-1

19072200100 JAH


- GENERAL NOTES
1. ALL CIRCUIT BREAKERS ARE 3-POLE.
 2. ALL STARTERS ARE SIZE 1 UNLESS OTHERWISE NOTED.
 3. "R" SUFFIX WITH STARTER SIZE INDICATES REVERSING STARTER.
 4. "S" SUFFIX WITH STARTER SIZE INDICATES MULTI-SPEED STARTER.
 5. FOR LEGEND SEE DWG 310006.
 6. FOR SCHEMATICS OF 480V MCC DISTRIBUTION CIRCUITS SEE DWG 310014.
 7. FOR DEFINITION OF SYMBOLS USED ON THIS DWG SEE ANSI Y32.2
 8. () INDICATES EQUIPMENT DESIGNATION LOCATION.
 9. MOTOR OVERLOAD HEATERS & INSTANTANEOUS BREAKERS TRIP SETTINGS WILL BE SPECIFIED BY MOTOR LOAD LIST DWG 310023.



**NUCLEAR SAFETY RELATED
A TRAIN LOAD GROUP**
(EXCEPT AS NOTED)

17	3/29/84	-	ACV	TPN	TPN	TPN	INCOMP MSE 83-8168 REV 1
16	6/28/87	-	RJS	NFF	NFF	NCD	INCOMP DCR 94-8844, DCN-18
15	1/28/96	-	JLM	NFF	NFF	VCP	INCOMP DCR 94-812, CA-81
14	3/17/98	-	FCB	HP	CDM	KJL	INCOMP DCR 87-283, CA-8
13	6/18/99	-	RMC	HP	AFL	VRP	INCOMP DCR 87-8094, CA-84 AND MINOR CHANGES
12	4/4/89	-	FCB	CDM	AMR	TWG	INCOMP DCR 88-562, CA-82
28	9/1/87	-	TPN	JLM	JLM	JLM	INCOMP 84DCR82 DCN-88
19	9/28/85	-	TPN	JLM	JLM	JLM	INCOMP DCR 83-888 DCN 81
18	4/25/85	-	DPJ	JLM	JLM	JLM	INCOMP 84 MMOD 584 DCN 88
REV	DATE	DSGN	DRWN	CHKD	CE	LDE	DESCRIPTION

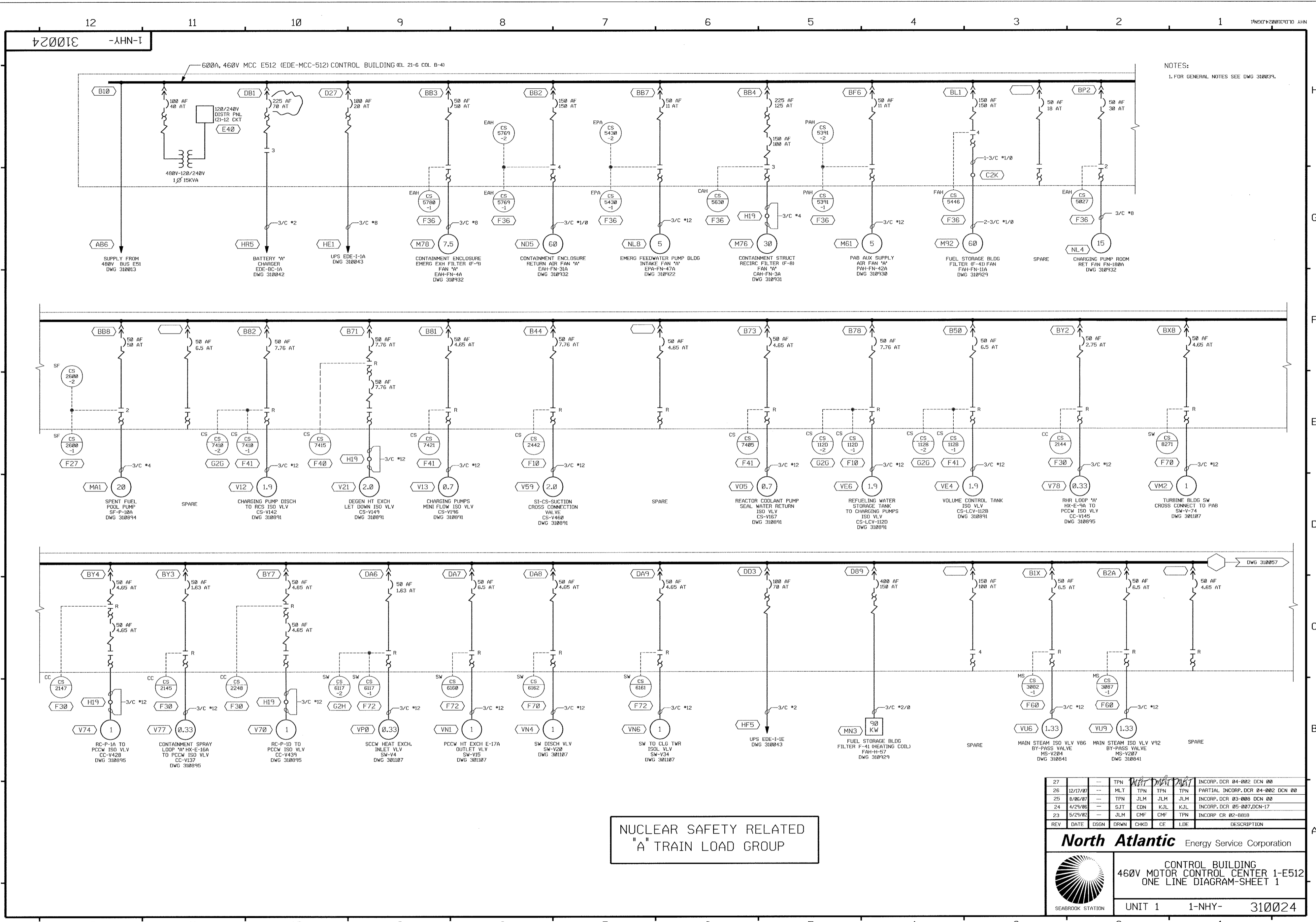
North Atlantic Energy Service Corporation



**DIESEL GENERATOR BUILDING
480V MOTOR CONTROL CENTER 1-E511
ONE LINE DIAGRAM**

UNIT 1 1-NHY- 310023

06/29/97




NOTES:
1. FOR GENERAL NOTES SEE DWG 310039.

NUCLEAR SAFETY RELATED
"A" TRAIN LOAD GROUP

REV	DATE	DSGN	DRWN	CHKD	CE	LDE	DESCRIPTION
27							TPN <i>WHT</i> <i>DRN</i> <i>DRN</i> INCORP. DCR 04-002 DCN 00
26	12/17/07		MLT	TPN	TPN	TPN	PARTIAL INCORP. DCR 04-002 DCN 00
25	8/06/07		TPN	JLM	JLM	JLM	INCORP. DCR 03-008 DCN 00
24	4/29/06		SJT	CDN	KJL	KJL	INCORP. DCR 05-007 DCN-17
23	5/29/02		JLM	CMF	CMF	TPN	INCORP CR 02-0818

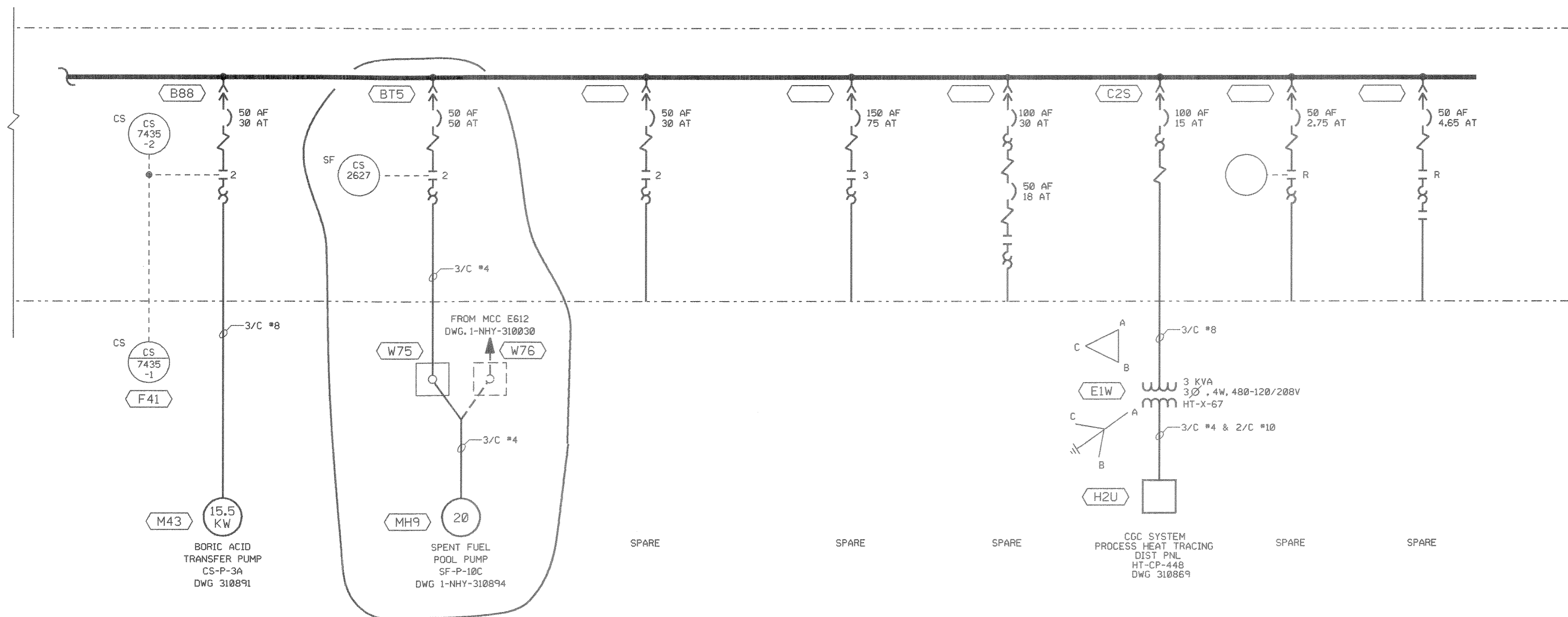
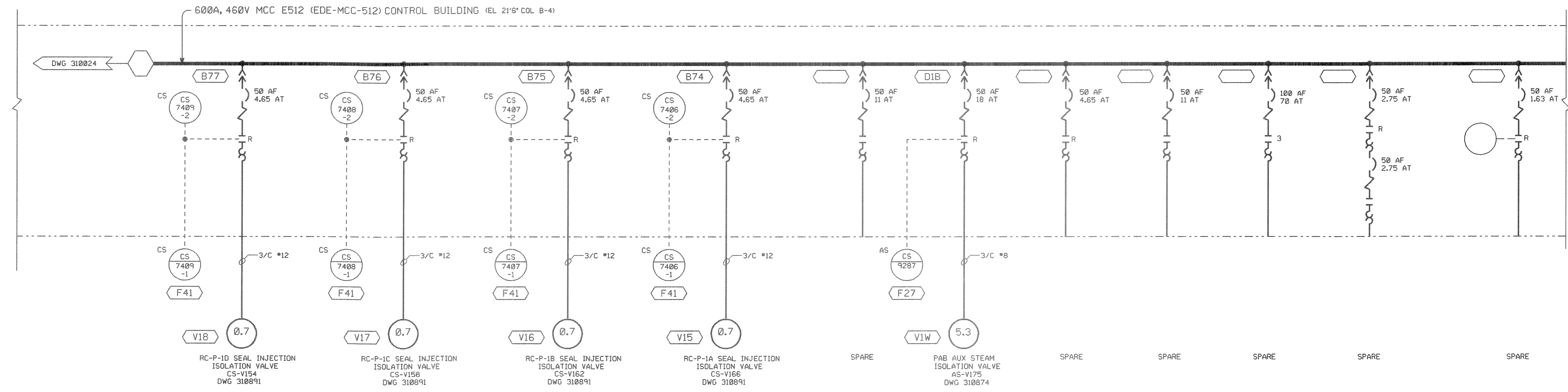
North Atlantic Energy Service Corporation



SEABROOK STATION

CONTROL BUILDING
460V MOTOR CONTROL CENTER 1-E512
ONE LINE DIAGRAM-SHEET 1

UNIT 1 1-NHY- 310024



NUCLEAR SAFETY RELATED
"A" TRAIN LOAD GROUP

REV	DATE	DSGN	DRWN	CHKD	CE	LDE	DESCRIPTION
14	4/1/93	RJS	TPN	NCD			INCCORP. DCR 94-0005, DCN 105
13	4/3/87	DWS	CWK	TPN	RHG		REDRAWN ON CADD; NO TECHNICAL CHANGES.

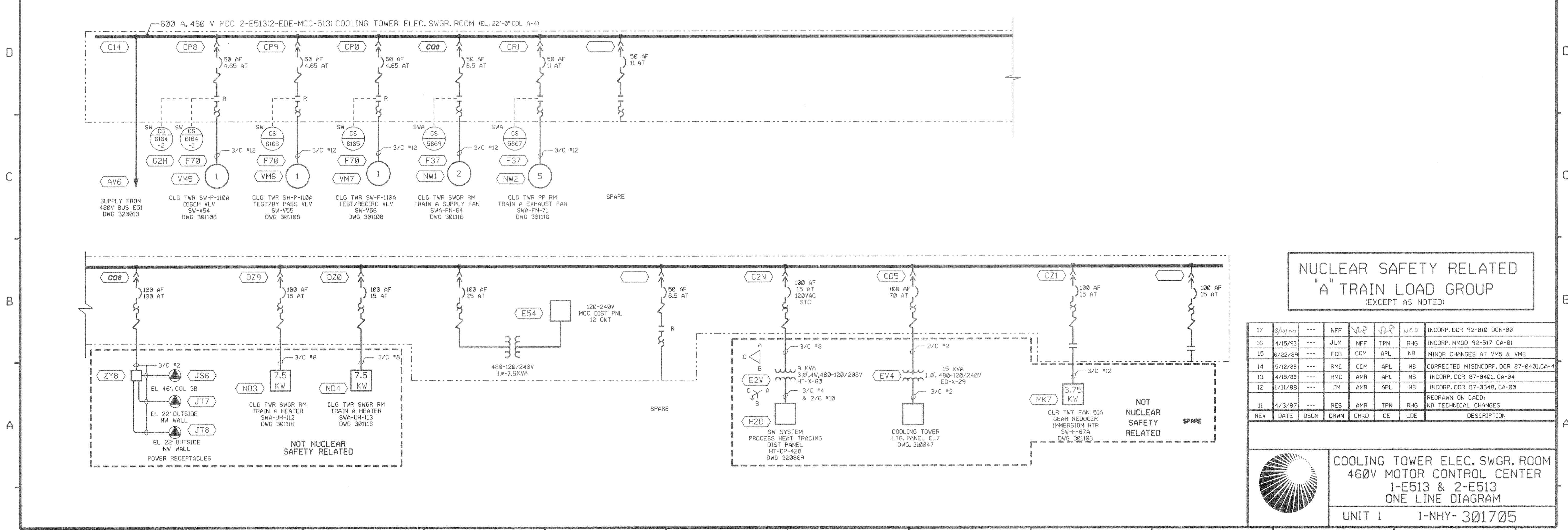
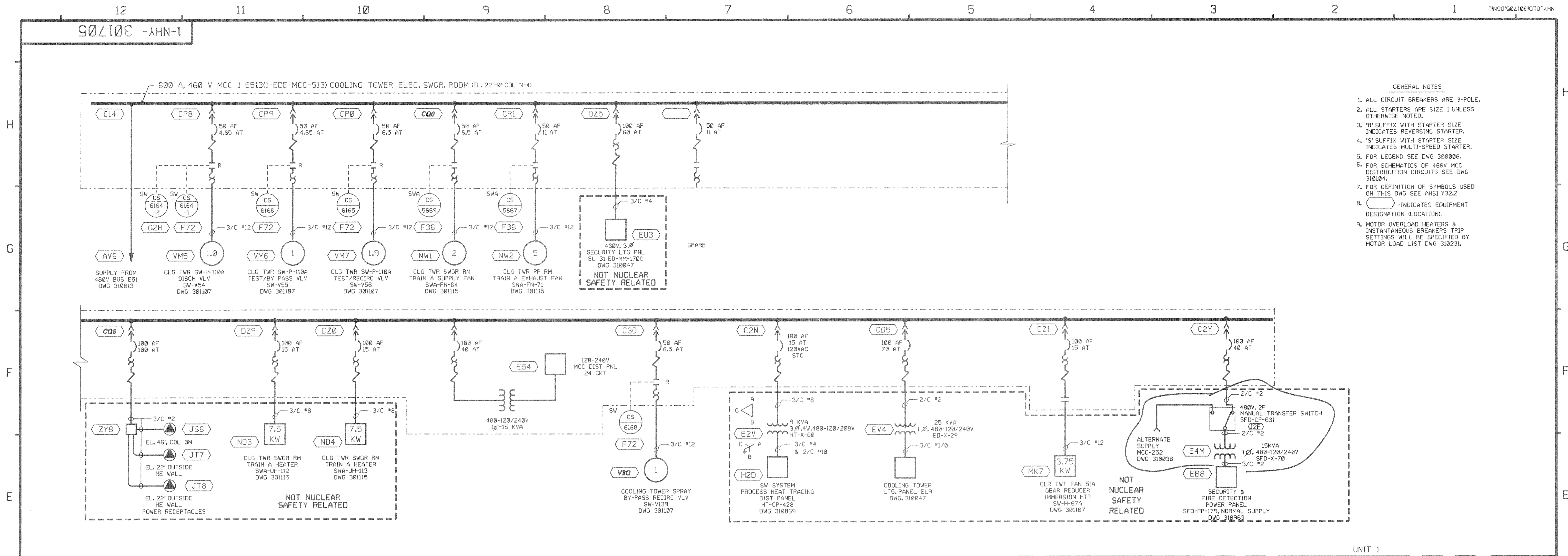
North Atlantic Energy Service Corporation



CONTROL BUILDING
460V MOTOR CONTROL CENTER 1-E512
ONE LINE DIAGRAM-SHEET 2

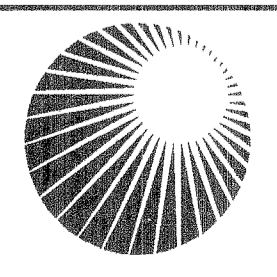
UNIT 1 1-NHY- 310057

90/10E -AHN-I



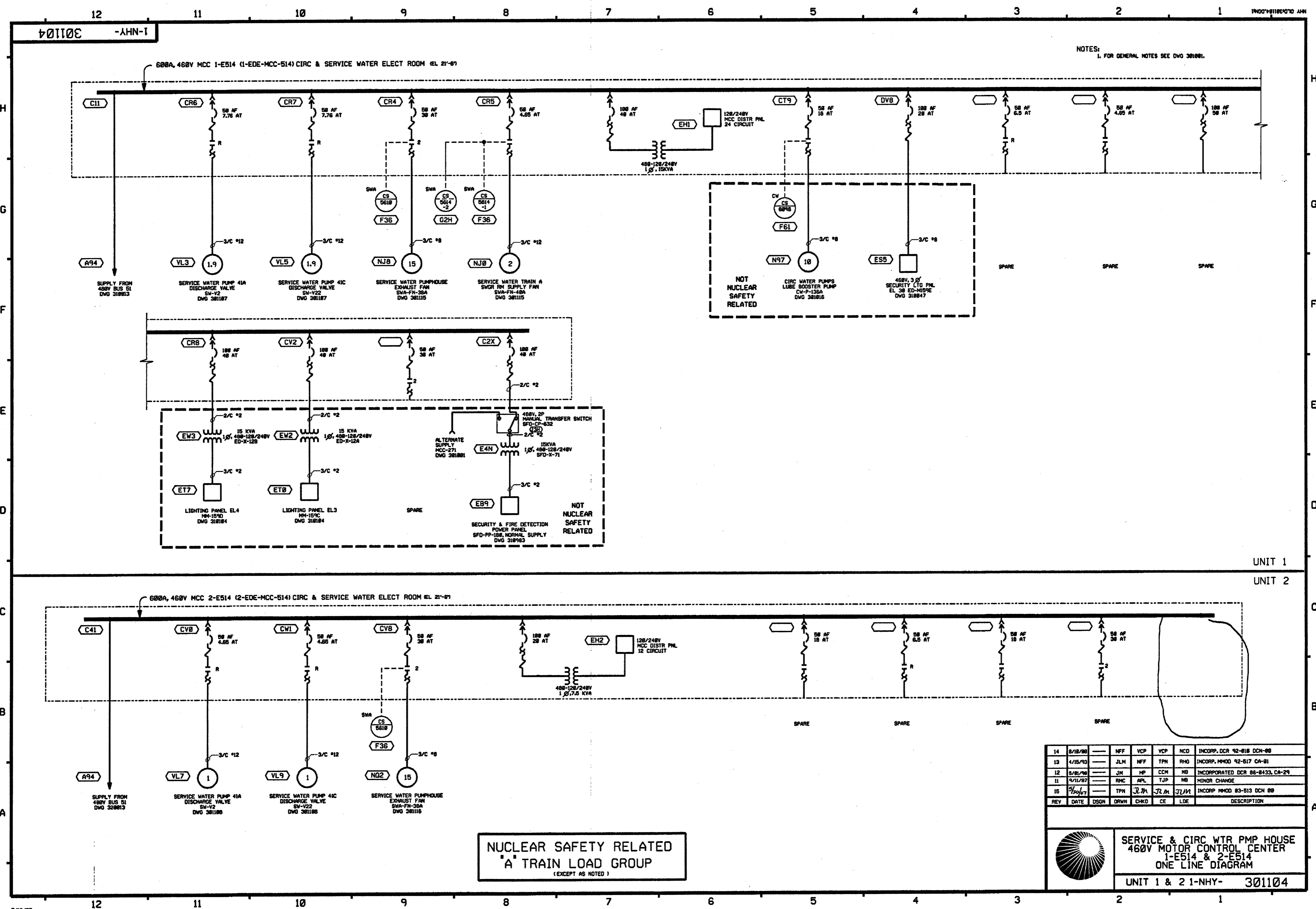
NUCLEAR SAFETY RELATED
 "A" TRAIN LOAD GROUP
 (EXCEPT AS NOTED)

17	8/1/90	---	NFF	NAR	NDR	NCD	INCCORP. DCR 92-010 DCN-00
16	4/15/93	---	JLM	NFF	TPN	RHG	INCCORP. MMOD 92-517 CA-01
15	6/22/89	---	FCB	CCM	APL	NB	MINOR CHANGES AT VM5 & VM6
14	5/12/88	---	RMC	CCM	APL	NB	CORRECTED MISINCORP. DCR 87-0401, CA-4
13	4/15/88	---	RMC	AMR	APL	NB	INCCORP. DCR 87-0401, CA-04
12	1/11/88	---	JM	AMR	APL	NB	INCCORP. DCR 87-0348, CA-00
11	4/3/87	---	RES	AMR	TPN	RHG	REDRAWN ON CAD; NO TECHNICAL CHANGES
REV	DATE	DSGN	DRWN	CHKD	CE	LOE	DESCRIPTION



COOLING TOWER ELEC. SWGR. ROOM
 460V MOTOR CONTROL CENTER
 1-E513 & 2-E513
 ONE LINE DIAGRAM

UNIT 1 1-NHY-301705

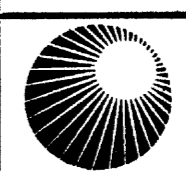


NOTES:
1. FOR GENERAL NOTES SEE DWG 301001.

UNIT 1
UNIT 2

NUCLEAR SAFETY RELATED
A TRAIN LOAD GROUP
(EXCEPT AS NOTED)

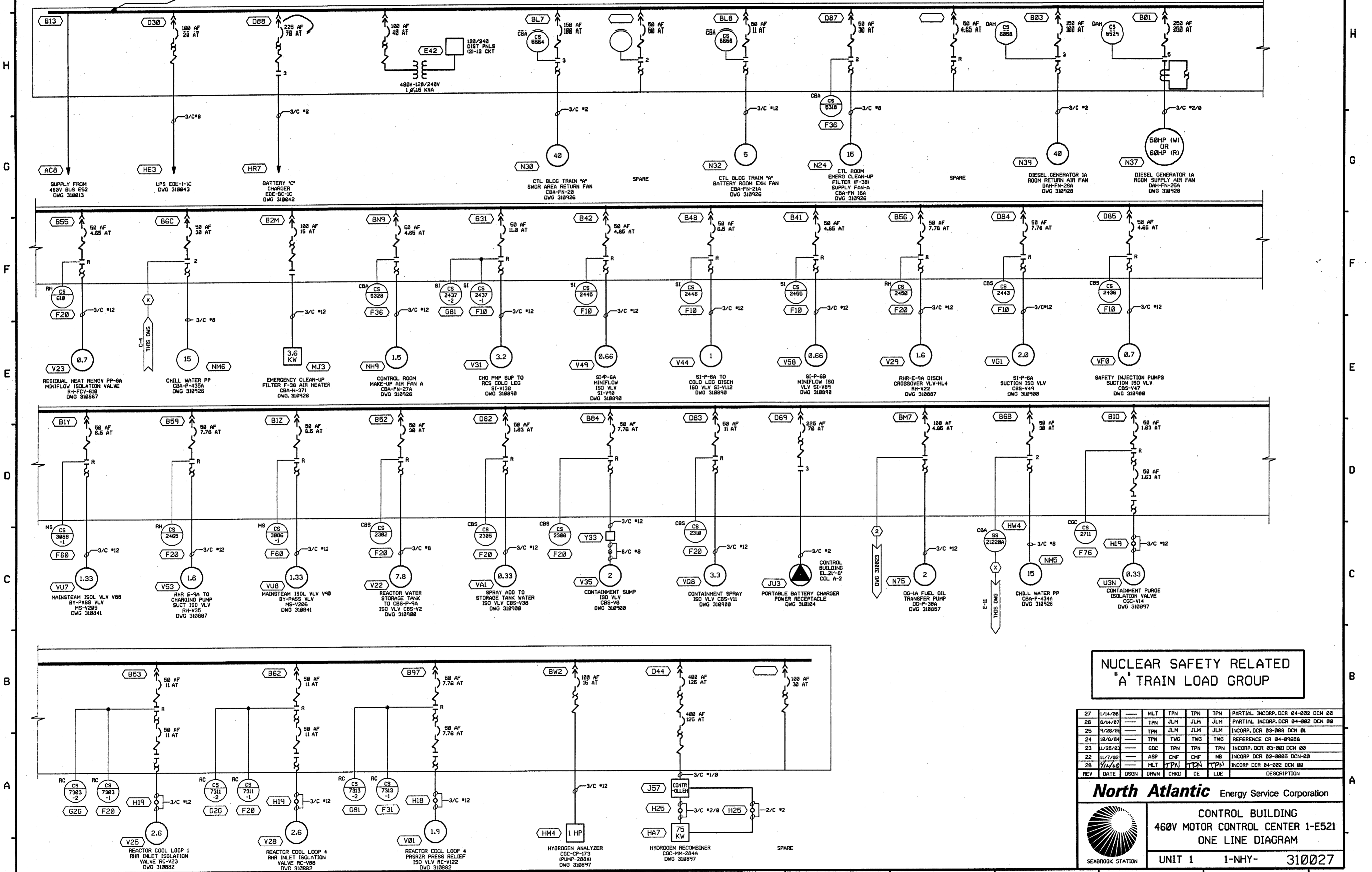
14	8/18/88	---	NFF	VCP	VCP	NCD	INCRP. DCR 92-018 DCN-88
13	4/15/83	---	JLM	NFF	TPN	RHG	INCRP. MMOD 92-017 CA-81
12	5/8/78	---	JM	HP	CCM	NB	INCORPORATED DCR 86-0433, CA-29
11	9/11/87	---	RMC	APL	TJP	NB	MINOR CHANGE
10	7/20/87	---	TPN	JLA	JLA	JLA	INCRP. MMOD 83-513 DCN 88
REV	DATE	DSGN	DRWN	CHKD	CE	LDE	DESCRIPTION



SERVICE & CIRC WTR PMP HOUSE
480V MOTOR CONTROL CENTER
1-E514 & 2-E514
ONE LINE DIAGRAM
UNIT 1 & 2 1-NHY- 301104

600A, 460V, MCC-E521 (EDE-MCC-521) CONTROL BUILDING (EL.21'-6" COL. B-3)

NOTE
1. FOR GENERAL NOTES SEE DWG. 310039



NUCLEAR SAFETY RELATED
"A" TRAIN LOAD GROUP

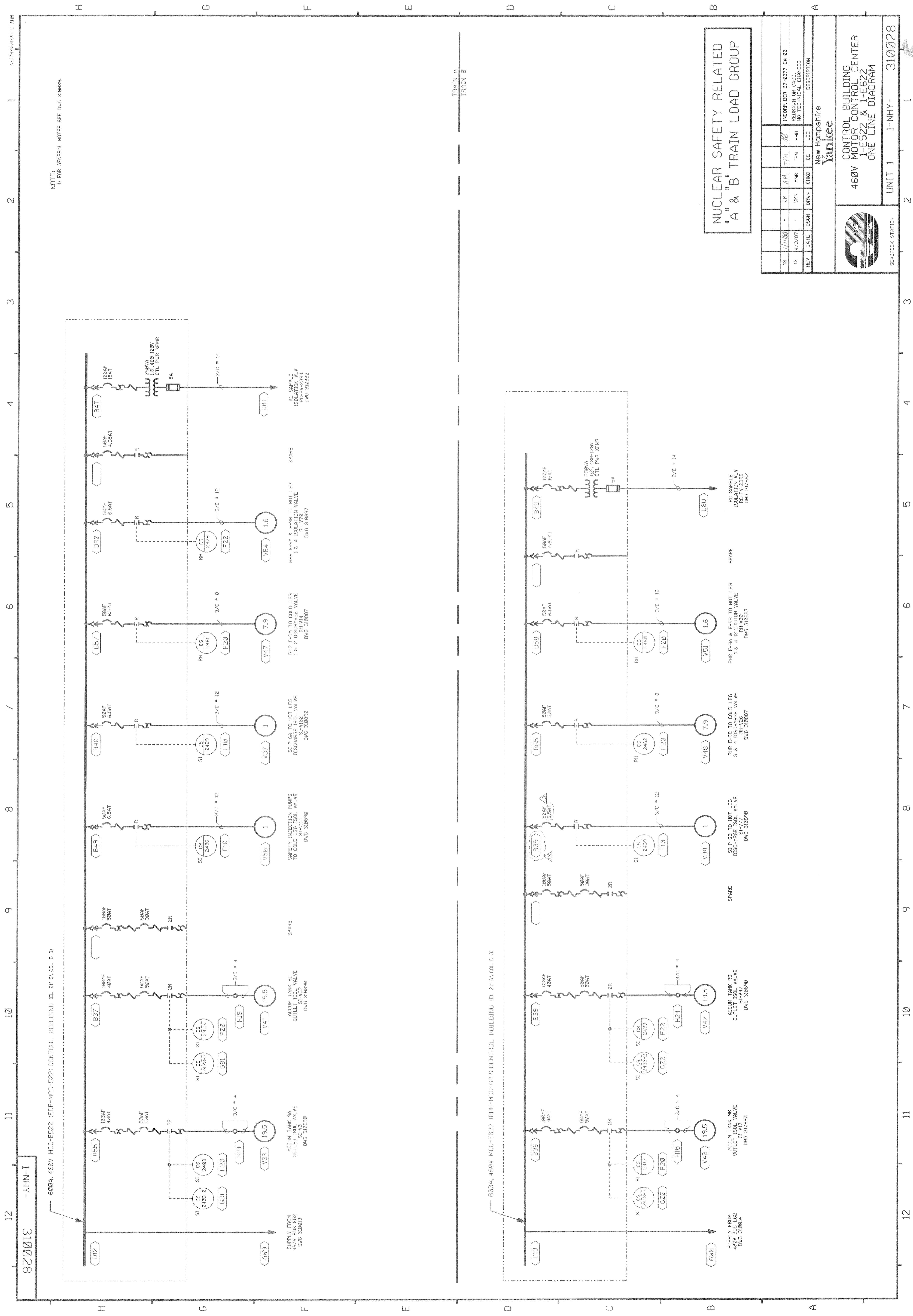
REV	DATE	DSGN	DRWN	CHKD	CE	LOE	DESCRIPTION
27	1/14/00	MLT	TPN	TPN	TPN	TPN	PARTIAL INCORP. DCR 04-002 DCN 00
26	8/14/97	TPN	JLM	JLM	JLM	JLM	PARTIAL INCORP. DCR 04-002 DCN 00
25	9/28/98	TPN	JLM	JLM	JLM	JLM	INCORP. DCR 03-000 DCN 01
24	10/8/94	TPN	TWG	TWG	TWG	TWG	REFERENCE CR 04-09658
23	11/26/93	QDC	TPN	TPN	TPN	TPN	INCORP. DCR 03-001 DCN 00
22	11/7/92	ASP	CMF	CMF	NB	NB	INCORP. DCR 02-0005 DCN-00
20	1/2/98	MLT	TPN	TPN	TPN	TPN	INCORP. DCR 04-002 DCN 00

North Atlantic Energy Service Corporation

SEABROOK STATION

CONTROL BUILDING
460V MOTOR CONTROL CENTER 1-E521
ONE LINE DIAGRAM

UNIT 1 1-NHY- 310027



NOTE:
1) FOR GENERAL NOTES SEE DWG 310039.

82001E - AHN-1
6000A, 460V MCC-E522 (EDE-MCC-522) CONTROL BUILDING (EL. 21'-6", COL. B-3)

6000A, 460V MCC-E622 (EDE-MCC-622) CONTROL BUILDING (EL. 21'-6", COL. D-3)

NUCLEAR SAFETY RELATED
"A" & "B" TRAIN LOAD GROUP

REV	DATE	DSGN	DRWN	CHKD	CE	LOE	DESCRIPTION
13	1/11/88	JM	APL	TPN	RHG		INCORP. DCR 87-1077 04-90 RECRAN ON CARD, NO TECHNICAL CHANGES
12	4/23/87	SKN	APR	TPN	RHG		

New Hampshire
Yankee

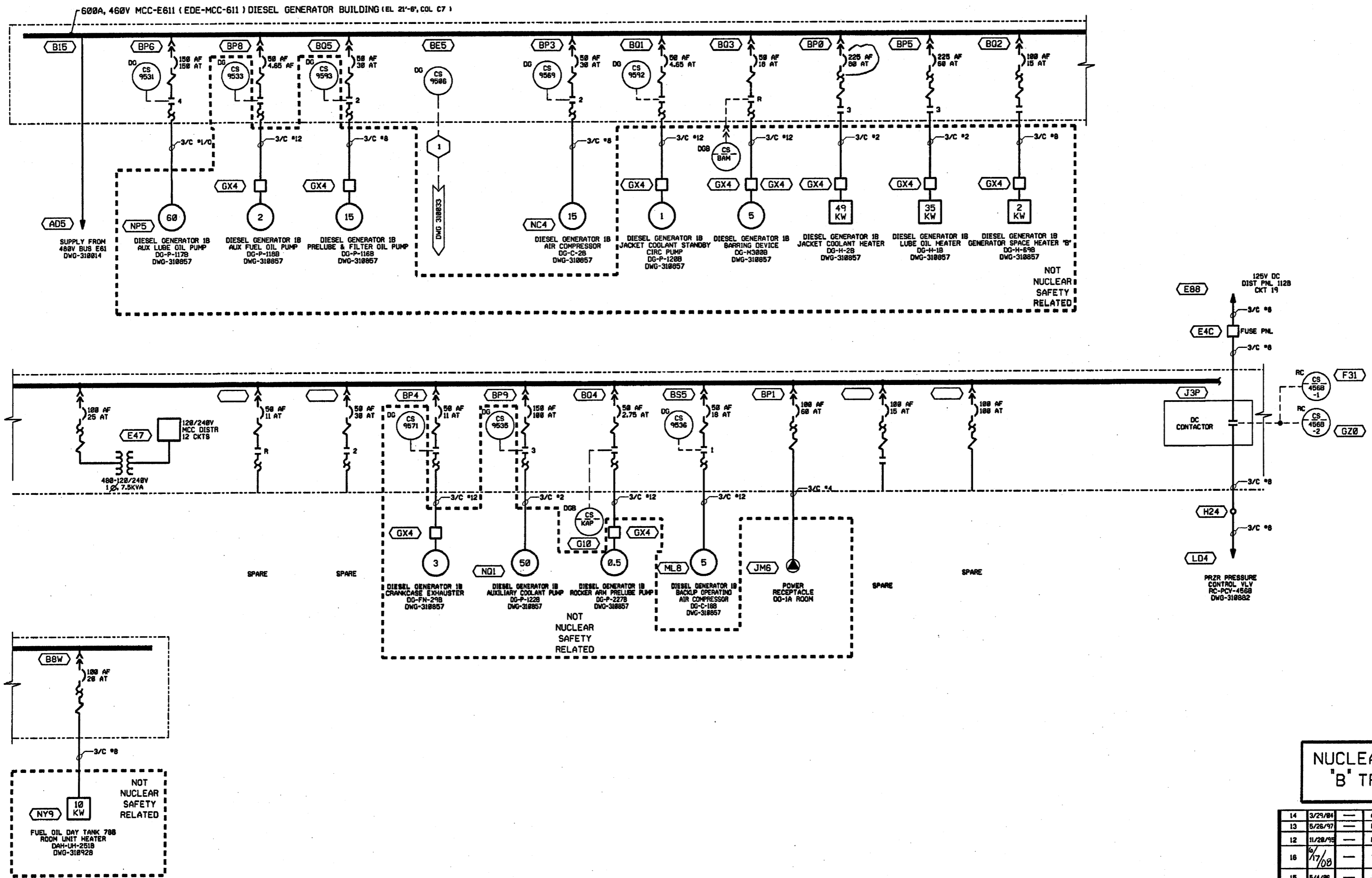
460V
CONTROL BUILDING
MOTOR CONTROL CENTER
1-E522 & 1-E622
ONE LINE DIAGRAM

SEABROOK STATION
UNIT 1 1-NHY-310028

12 11 10 9 8 7 6 5 4 3 2 1 100128810100 JAH

62001C -AHN-I

NOTE
1. FOR GENERAL NOTES SEE DWG 310023.



**NUCLEAR SAFETY RELATED
'B' TRAIN LOAD GROUP**
(EXCEPT AS NOTED)

REV	DATE	DSGN	DRWN	CHKD	CE	LDE	DESCRIPTION
14	3/29/84	ACW	TPN	TPN	TPN	TPN	INCORP. MSE 93-0168 REV 1
13	5/28/79	RJS	NFF	NFF	VCP	VCP	INCORP. DCR 94-0844, DCN-17
12	11/28/76	NFF	JLM	JLM	VCP	VCP	INCORP. DCR 94-012, CA-01
16	1/1/80	TPN	TPN	TPN	TPN	TPN	INCORP. 84DCR882 DCN-82
15	5/4/78	JLM	TWG	TWG	TWG	TWG	INCORP. 83DCR888 DCN-88, 01 & 84DCR882 DCN-88

North Atlantic Energy Service Corporation



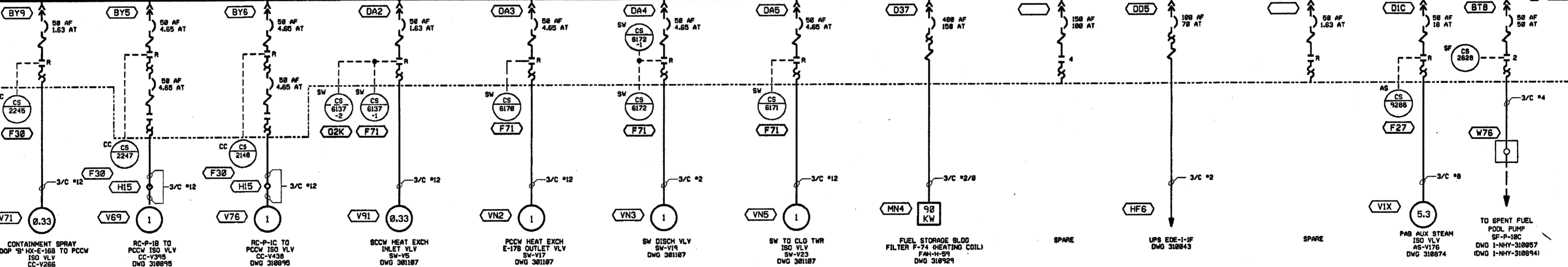
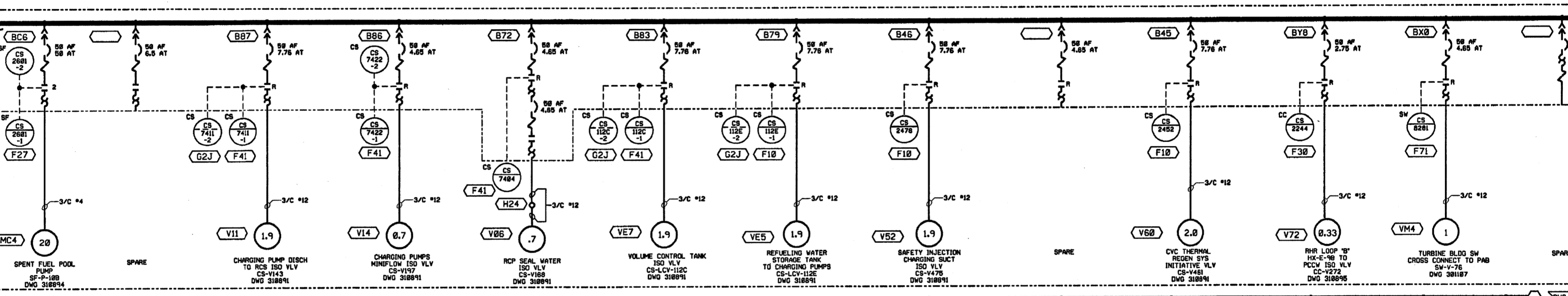
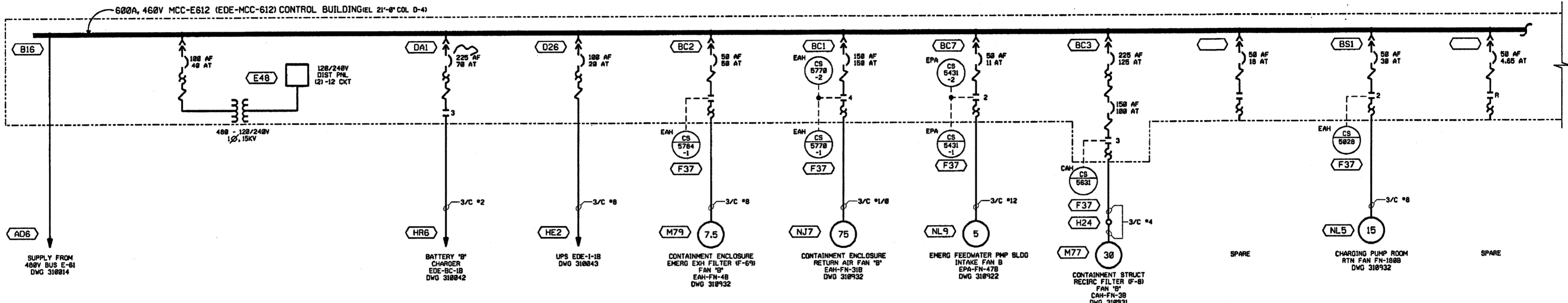
DIESEL GENERATOR BUILDING
460V MOTOR CONTROL CENTER 1-E611
ONE LINE DIAGRAM

UNIT 1 1-NHY- 310029

12 11 10 9 8 7 6 5 4 3 2 1

00001E -AHN-1

NOTES:
1. FOR GENERAL NOTES SEE DWG 310039.



NUCLEAR SAFETY RELATED
"B" TRAIN LOAD GROUP

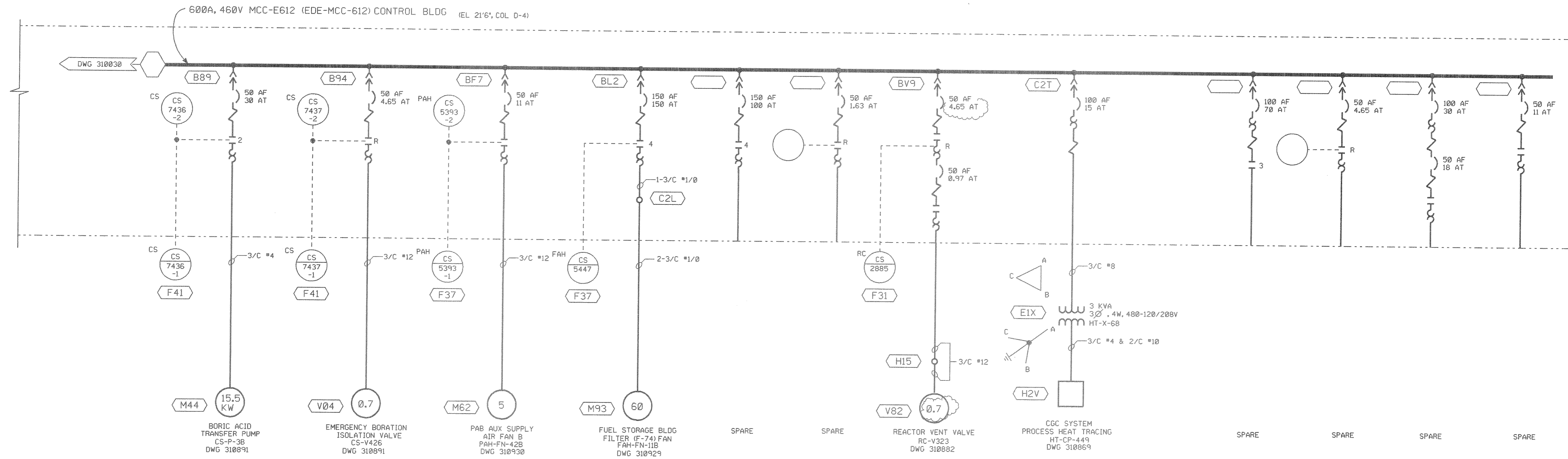
REV	DATE	DSGN	DRWN	CHKD	CE	LOE	DESCRIPTION
27	7/10/07		TPN	TWO	TWO	TWO	PARTIAL INCORP DCR 04-002 DCN 00
26	6/7/06		JLM	TPN	TPN	TPN	INCORP. 06MMD034 DCN-00
25	7/26/05		DPJ	TPN	TPN	TPN	INCORP DCR 03-008 DCN 00
24	10/1/00		MLT	TPN	TPN	TPN	INCORP DCR 04-002 DCN 00
23	8/28/00		MLT	TPN	TPN	TPN	INCORP. MMD 00-510, DCN-00

FPL Energy Seabrook Station

CONTROL BUILDING
460V MOTOR CONTROL
CENTER 1-E612
ONE LINE DIAGRAM SHEET 1

UNIT 1 1-NHY-310030

NOTES:
1. FOR GENERAL NOTES SEE DWG 310039



NUCLEAR SAFETY RELATED
"B" TRAIN LOAD GROUP
(EXCEPT AS NOTED)

REV	DATE	DSGN	DRWN	CHKD	CE	LDE	DESCRIPTION
13	11/23/89	—	RMC	JLM	JLM	NCD	INCORP DCR 98-009 DCN 00
12	8/18/89	—	FCB	HP	APL	VCP	INCORP DCR 87-0094 CA 03
11	4/3/87	—	DWS	CVK	TPN	RHG	REDRAWN ON CADD; NO TECHNICAL CHANGES

North Atlantic Energy Service Corporation

CONTROL BUILDING
460V MOTOR CONTROL CENTER 1-E612
ONE LINE DIAGRAM SHEET 2

UNIT 1 1-NHY- 310058

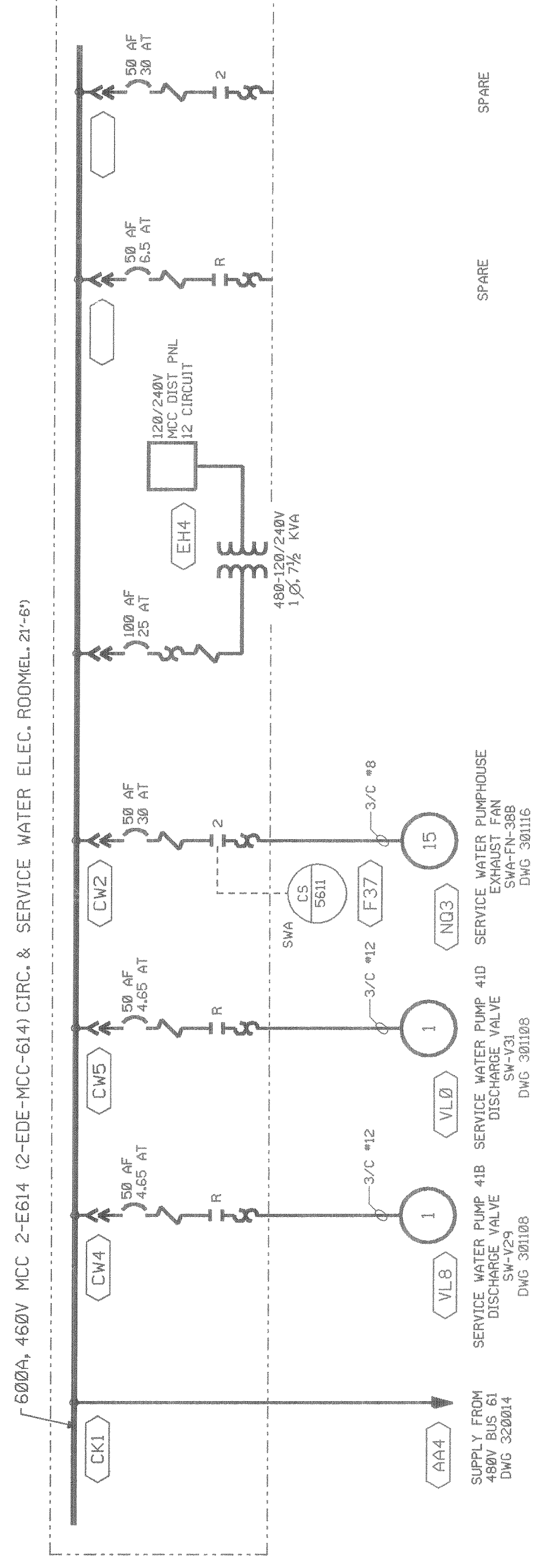
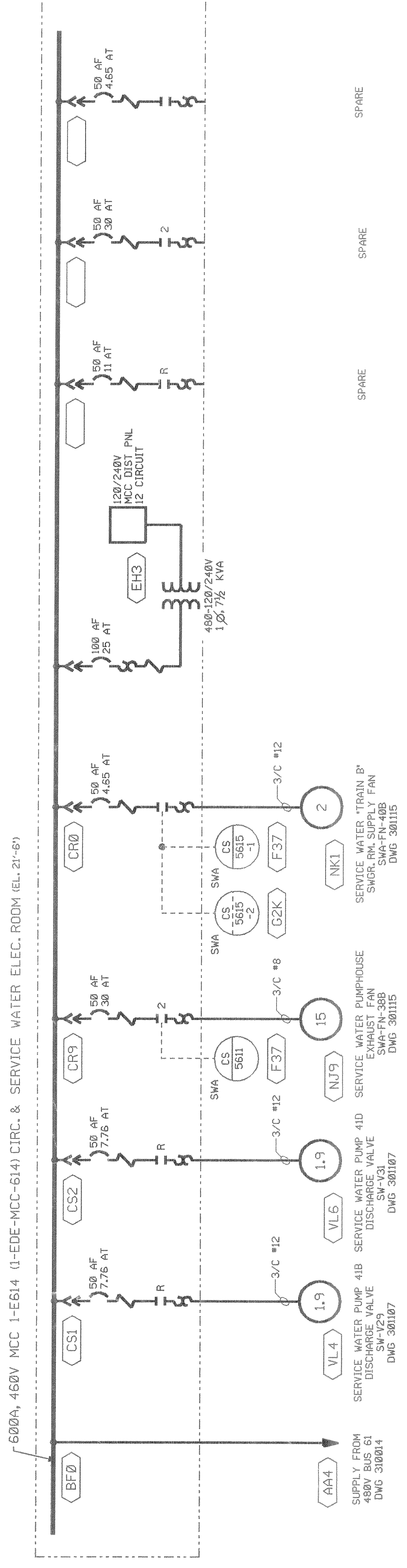
S01105
-AHN-1

12 11 10 9 8 7 6 5 4 3 2 1

H G F E D C B A

PROPOSED TO AHN

NOTE 1
1. FOR GENERAL NOTES SEE DWG. I-NHY-30001



UNIT 1
UNIT 2

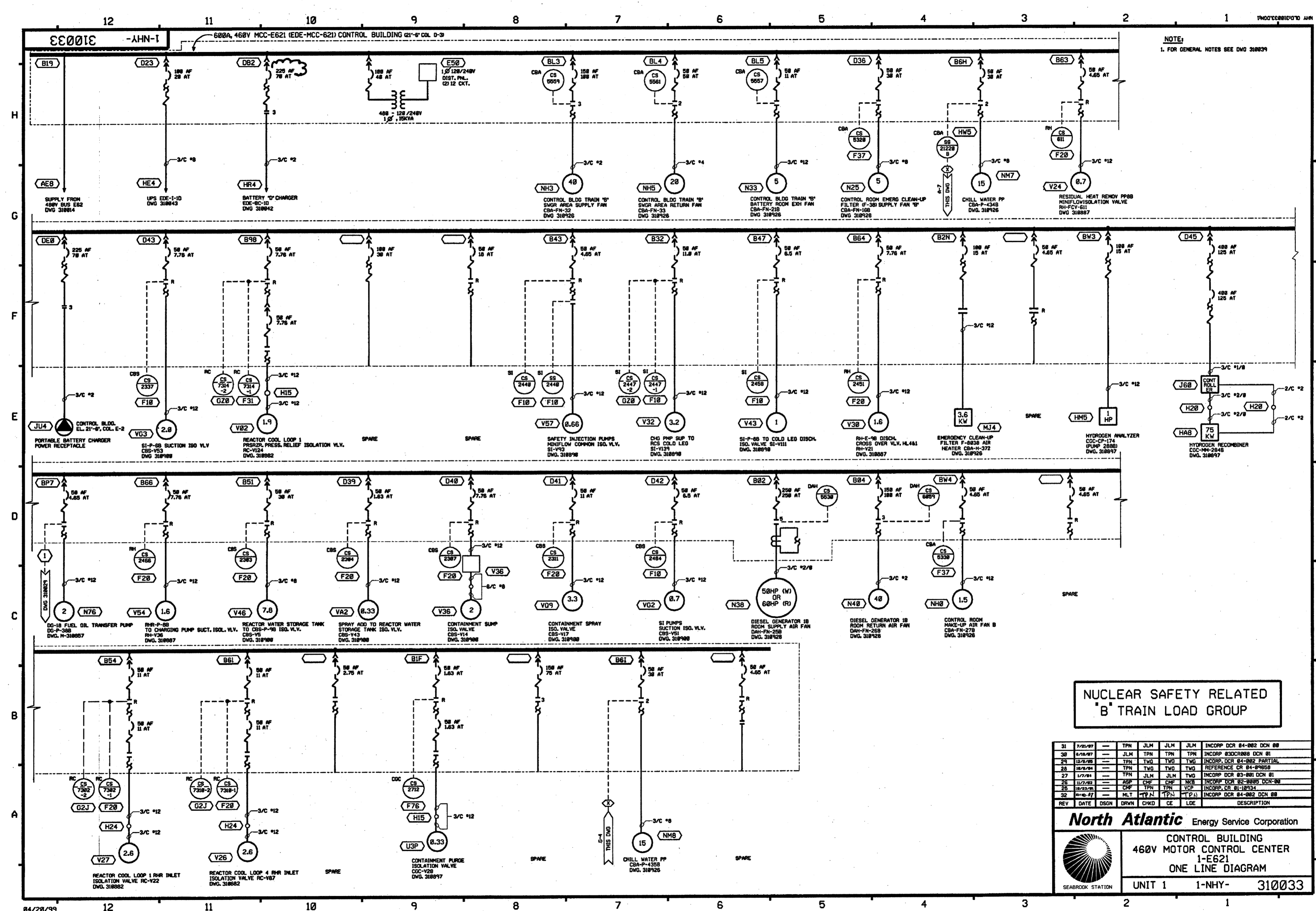
NUCLEAR SAFETY RELATED
"B" TRAIN LOAD GROUP

REV	DATE	DSGN	DRWN	CHKD	CE	LBE	DESCRIPTION
1			JM	JM	AP	CE	REDRAWN ON CADD NO TECHNICAL CHANGES

New Hampshire
Yankee

SERVICE & CIRC. WATER PUMP
HOUSE 480V MOTOR CONTROL CENTER
1-E614 & 2-E614
ONE LINE DIAGRAM

SEABROOK STATION
UNIT 1 & 2 1-NHY- 301105



NOTE:
1. FOR GENERAL NOTES SEE DWG 310033

**NUCLEAR SAFETY RELATED
'B' TRAIN LOAD GROUP**

REV	DATE	DSGN	DRWN	CHGD	CE	LDE	DESCRIPTION
31	7/21/97		TPN	JLM	JLM	JLM	INCRP DCR 84-082 DCN 08
30	6/26/97		JLM	TPN	TPN	TPN	INCRP 8303R08 DCN 01
29	12/2/96		TPN	TWO	TWO	TWO	INCRP DCR 84-082 PARTIAL
28	10/28/96		TPN	TWO	TWO	TWO	REFERENCE CR 84-0955B
27	1/7/96		TPN	JLM	JLM	TWO	INCRP DCR 83-081 DCN 01
26	11/2/95		ASP	CHF	CHF	NKB	INCRP DCR 82-085 DCN-08
25	10/23/95		OSP	TPN	TPN	VCP	INCRP CR 81-0834
22	08/01/91		HLT	TPN	TPN	TWO	INCRP DCR 84-082 DCN 08

North Atlantic Energy Service Corporation

CONTROL BUILDING
480V MOTOR CONTROL CENTER
1-E621
ONE LINE DIAGRAM

UNIT 1 1-NHY- 310033

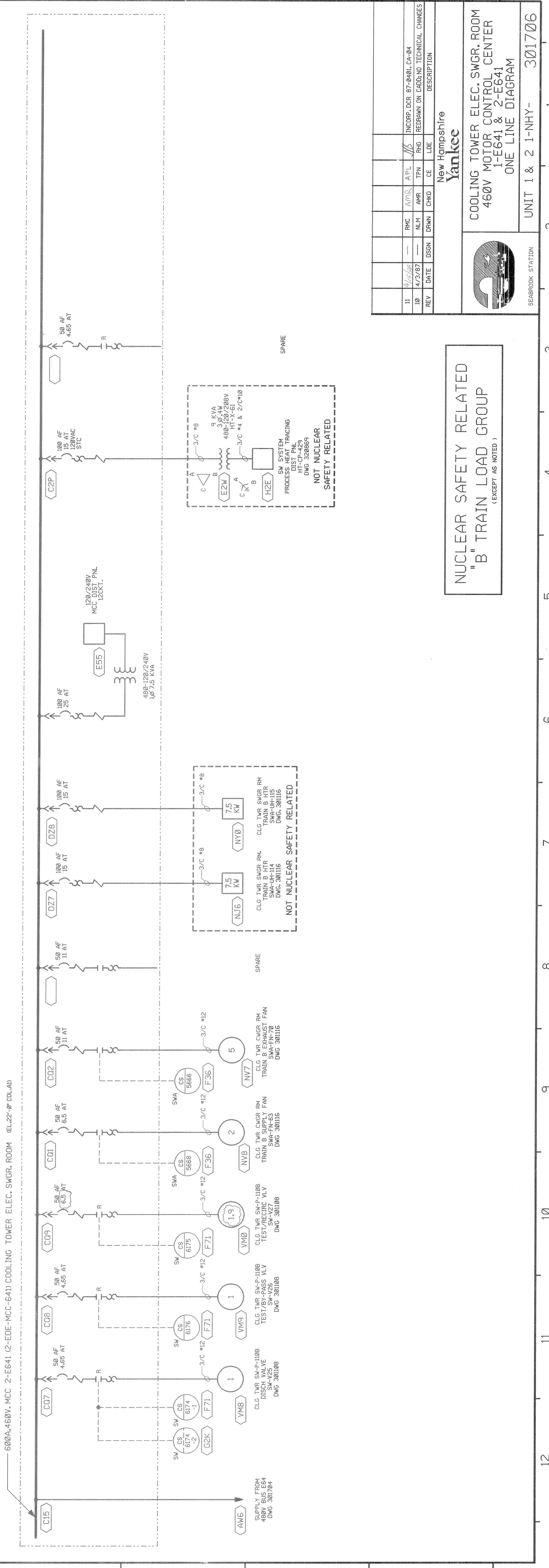
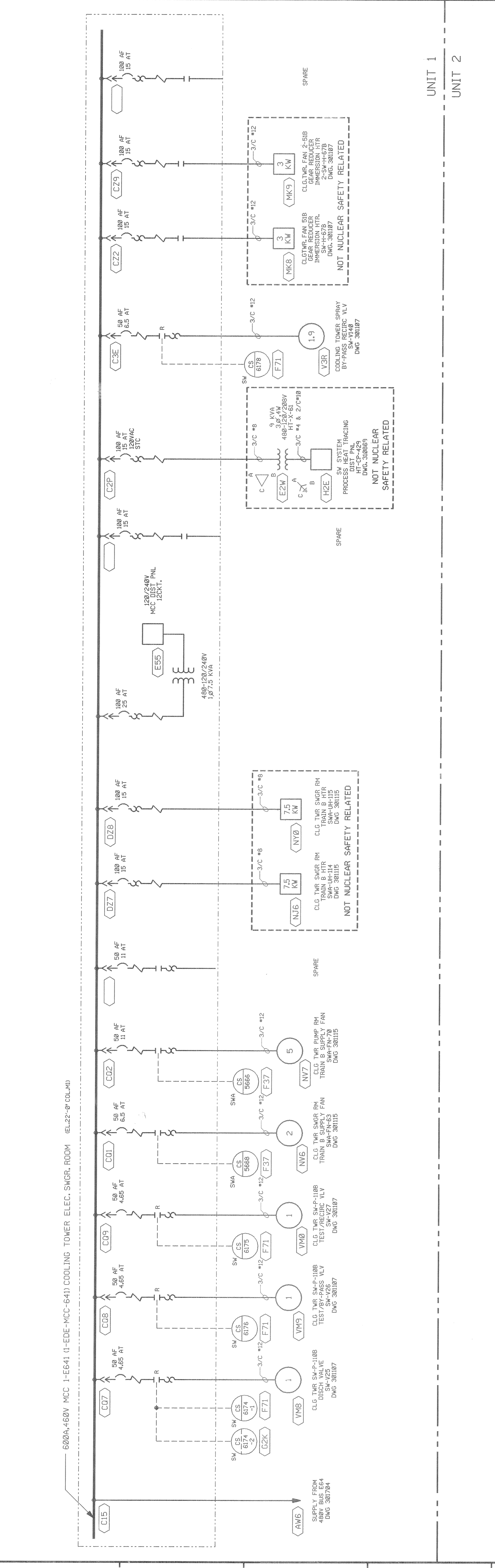
04/20/99

90710C -A1HN-1

12 11 10 9 8 7 6 5 4 3 2 1

H G F E D C B A

NOTES:
1. FOR GENERAL NOTES SEE DWG. 301705.



NUCLEAR SAFETY RELATED
"B" TRAIN LOAD GROUP
(EXCEPT AS NOTED.)

REV	DATE	DSN	DRWN	CHKD	CE	LDE	DESCRIPTION
11	4/15/08		RMC	AMN	A.P.L.		INCDRP. DCR 87-0401, CA-04
10	4/23/07		NLM	AMR	RHG		REDRAWN ON CAD/NO. TECHNICAL CHANGES

New Hampshire
Yankee

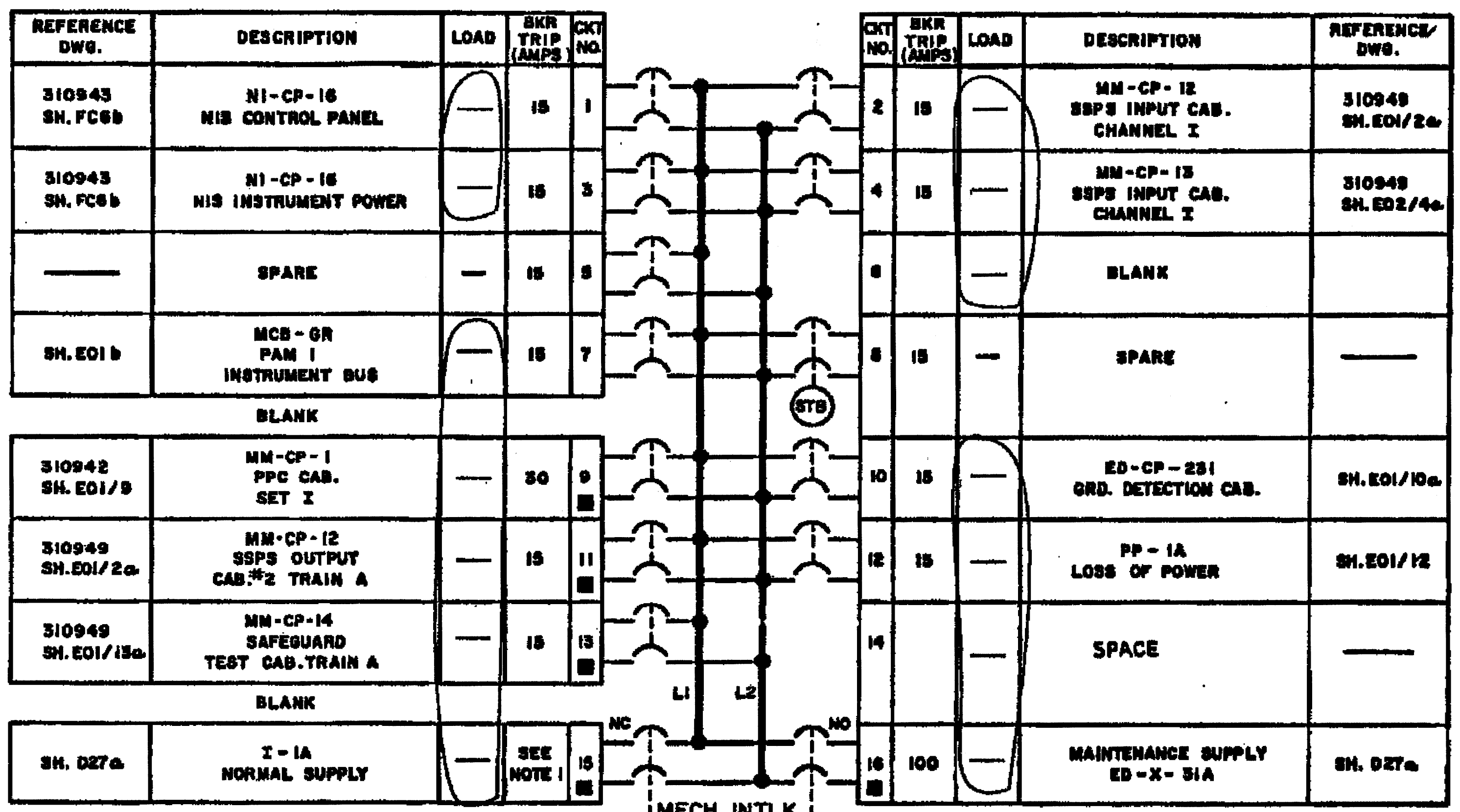
COOLING TOWER ELEC. SWGR. ROOM
460V MOTOR CONTROL CENTER
1-E641 & 2-E641
ONE LINE DIAGRAM

SEABROOK STATION UNIT 1 & 2 1-NHY- 301706

1-NHY-310105-ED-001.dwg ACQ. 30. 1999 5:44:17

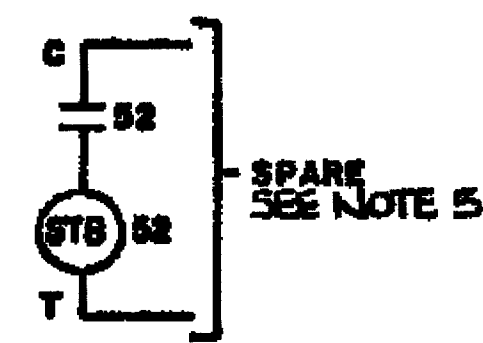
REV	DATE	DRWN/CHKD	DESCRIPTION
1			
2			
3			
4			
5			
6			
7			
8			
9			
10			
11			
12	11/27/99	JLM	INCOMP AMMD 98-638 DCN 01

1-NHY-310105 SH.E01d
 New Hampshire
 Yankee
 Seabrook
 Station
 SH. 80
 UPS 1-1-1A
 VITAL INSTRUMENT
 DISTR. PANEL 1-PP-1A
 SCHEDULE



NUCLEAR SAFETY RELATED
 'A' TRAIN LOAD GROUP
 CHANNEL 1

100A, 120VAC, 1Ø, 2W
 DISTRIBUTION PANEL
 (E01)
 CONTROL BLDG. ELEV. 21'-6", COL. 1A

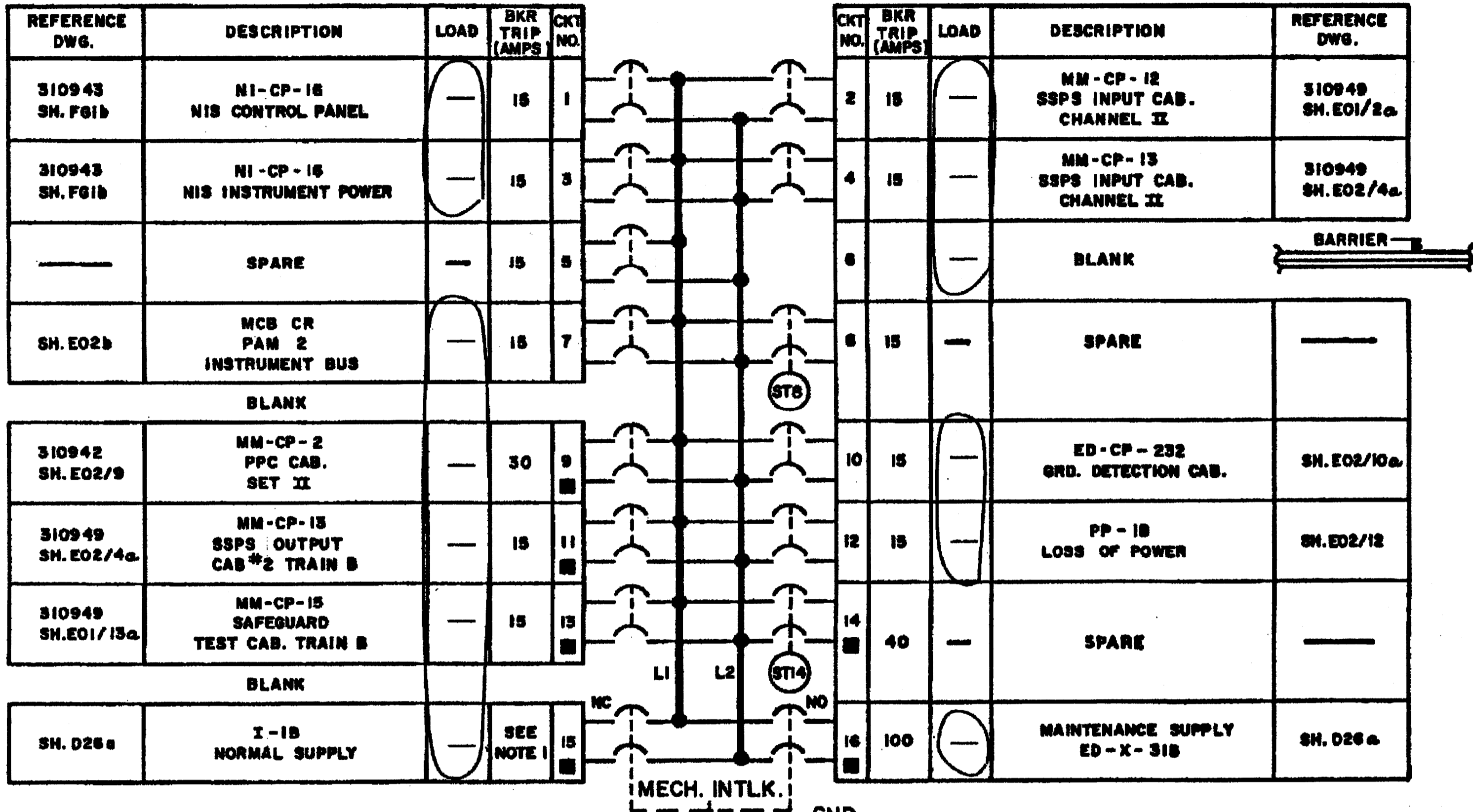


NOTES:

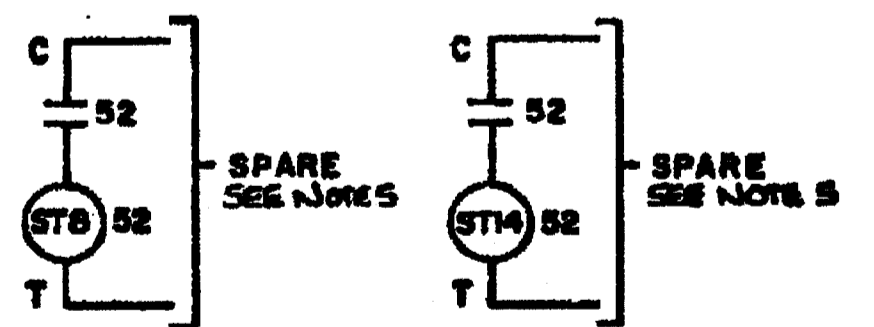
- 1- ALL BREAKERS ARE THERMAL MAGNETIC EXCEPT NORMAL SUPPLY BREAKER WHICH IS NON-AUTO.
- 2- FOR THREE LINE DIAGRAM SEE SH.D27a
- 3- FOR ARR'S T SEE F.P. 31874
- 4- ■ - SEE SH. 3
- 5- SHUNT TRIP OPTIONAL
6. SEE CALCULATION 9763-3-ED-00 34-F FOR CIRCUIT LOAD AMPS.

1-NHY-310105 SH.E01d

REV	DATE	DRWN/CHKD	DESCRIPTION



100A, 120VAC, 1Ø, 2W DISTRIBUTION PANEL
 CONTROL BLDG. ELEV. 21'-6", COL. 1D



- NOTES:**
- 1- ALL BREAKERS ARE THERMAL MAGNETIC EXCEPT NORMAL SUPPLY BREAKER WHICH IS NON-AUTO.
 - 2- FOR THREE LINE DIAGRAM SEE SH. D26a
 - 3- FOR ARR'G'T SEE F.P. 31875
 - 4- ■ - SEE SH. 3
 - 5- SHUNT TRIP OPTIONAL
 - 6. SEE CALCULATION 9763-3-ED-00-34-F FOR CIRCUIT LOAD AMPS.

NUCLEAR SAFETY RELATED
 'B' TRAIN LOAD GROUP
 CHANNEL II

UPS 1-1-1B
 VITAL INSTRUMENT
 DISTR. PANEL 1-PP-1B
 SCHEDULE

New Hampshire
 Yankee
 Seabrook Station
 SH. 85

1-NHY-310105 SH. E02a

1-NHY-310105 SH. E02a

1-NHY-310105-903 October Aug. 31 1999 07:26:03

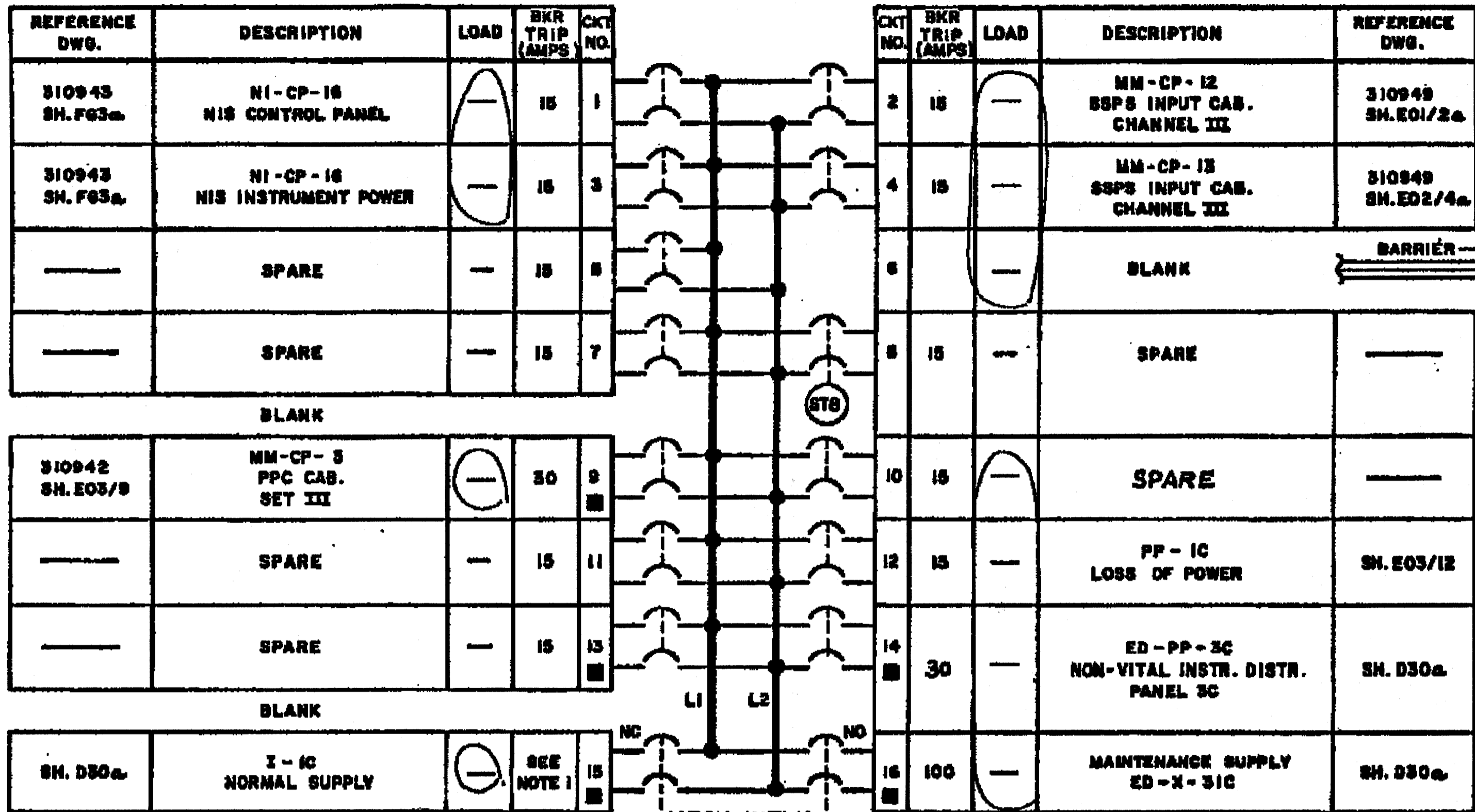
REV	DATE	DESCRIPTION	REV	DATE	DESCRIPTION
			12	9/15/99	INCORP MAND 98-638 DCN-01

NUCLEAR SAFETY RELATED
A TRAIN LOAD GROUP
CHANNEL III

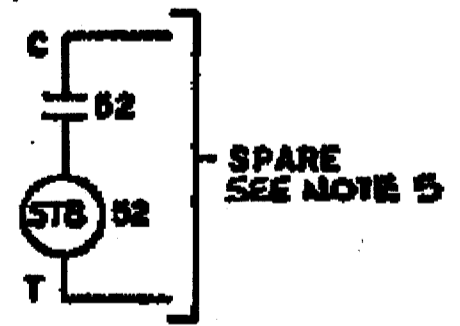
UPS 1-1-1C
VITAL INSTRUMENT
DISTR. PANEL 1-PP-1C
SCHEDULE

New Hampshire
Yankee
Seabrook Station

1-NHY-310105 SH. E03D



100A, 120VAC, 1Ø, 2W
DISTRIBUTION PANEL
E03
CONTROL BLDG. ELEV. 21'-6", COL. 1A



NOTES:

- 1- ALL BREAKERS ARE THERMAL MAGNETIC EXCEPT NORMAL SUPPLY BREAKER WHICH IS NON-AUTO.
- 2- FOR THREE LINE DIAGRAM SEE SH. D30a
- 3- FOR ABBOT SEE P.P. 31076
- 4- SEE SH. 3
- 5- SHORT TRIP OPTIONAL
6. SEE CALCULATION 9763-3-ED-00-34-F FOR CIRCUIT LOAD AMPS.

1-NHY-310105 SH. E03a

REV	DATE	DRWN	CHKD	DESCRIPTION
15	7/15/89	JLM	INCORP	MMOD 58-638 DCN-01

**UPS 1-I-1E
VITAL INSTRUMENT
DISTR. PANEL 1-PP-1E
SCHEDULE**

New Hampshire
Yankee

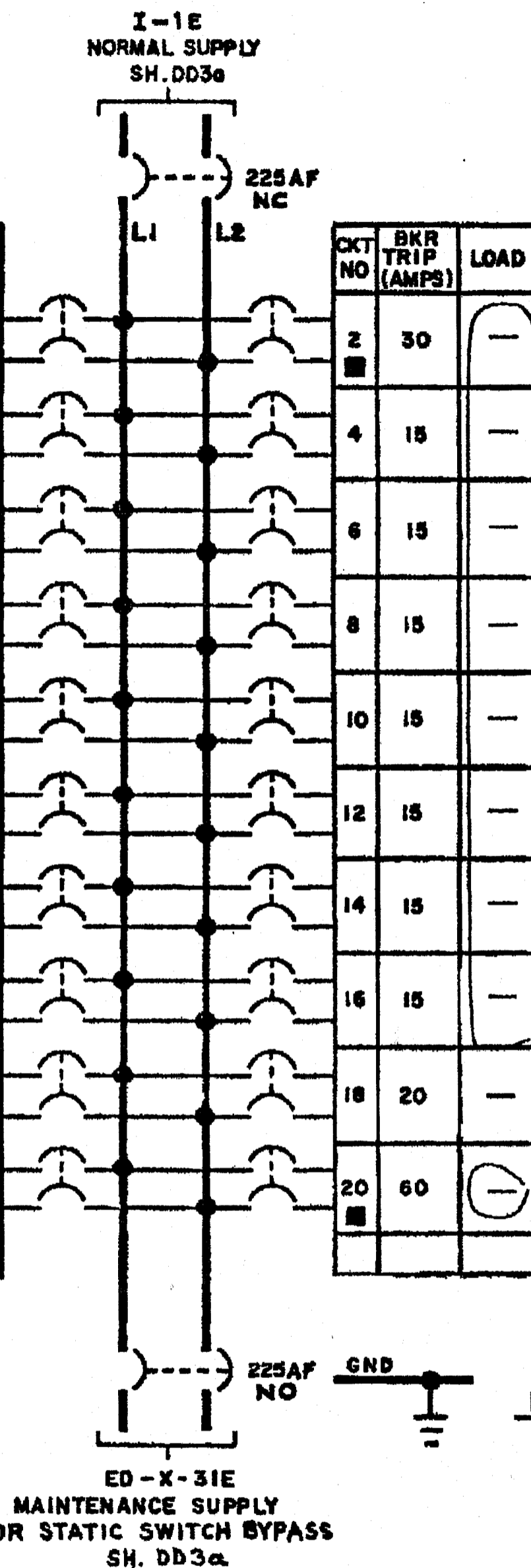
Seabrook
Station

SH. 58

1-NHY-310105 SH. EH9C

**NUCLEAR SAFETY RELATED
A TRAIN LOAD GROUP**

REFERENCE DWG.	DESCRIPTION	LOAD	BKR. TRIP (AMPS)	CKT NO
310952 SH. EH9/1e	CP-152A BOP INSTRUMENTS	-	30	1
310951 SH. EH9/3e	PAM 1 & COOLING TOWER MONITOR LIGHTS - MCB BF	-	15	3
310107 SH. 5e	125 VDC BUS 11A 1-SWG-11A 120 VAC AUX. BUS	-	15	5
SH. EH9b	MCB SETPOINT STATION PWR SUPPLY MCB-SECT. BF	-	15	7
310890 SH. EH9/9e	SI ACCUM. TANK ISOL. VLV. POS. IND.	-	15	9
310890 SH. EH9/11e	SI & RH SYSTEMS A TRAIN VALVE POSITION INDICATING LIGHTS	-	15	11
SH. DD3e	PP-11E VITAL INSTR. DISTR. PANEL 11E	-	60	13
M-310966 SH. EH9/15e	ISOLATION SYS CONTROL POWER	-	15	15
—	SPARE	-	20	17
310952 SH. EH9/19	MM-CP-297A BOP INSTRUMENTS	-	30	19
—	SPACE	-		



225A, 120VAC, 1Ø, 2W DISTRIBUTION PANEL (EH9) CONTROL BLDG., ELEV. 21'-6", COL. 1B

CKT NO	BKR TRIP (AMPS)	LOAD	DESCRIPTION	REFERENCE DWG.
2	30	-	CP-108A SHUTDOWN PANEL	310952 SH. EH9/2
4	15	-	CP-180A RADIATION MONITORING	310956 SH. EH9/4
6	15	-	125VDC BUS 11C 1-SWG-11C 120VAC AUX. BUS	310107 SH. 5e
8	15	-	CP-58 SEISMIC MONITORING	310957 SH. EH9/8
10	15	-	SW A TRAIN AUX. CONTROL	310107 SH. EH9/10e
12	15	-	PP-1E LOSS OF POWER	SH. EH9/12
14	15	-	ED-CP-235 GRD. DETECTION CAB.	SH. EH9/14e
16	15	-	RC VALVES (V-23 V-28) POSITION INDICATORS (FY-2894)	310882 SH. EH9/16
18	20	-	SPARE	—
20	60	-	ED-PP-12E NON-VITAL INSTR. DISTR. PANEL 12E	SH. DD3e
			SPACE	

NOTES

- 1- ALL BREAKERS ARE THERMAL MAGNETIC EXCEPT NORMAL SUPPLY BREAKER WHICH IS NON-AUTO.
- 2- ALL BREAKER ARE 100AF UNLESS OTHERWISE NOTED.
- 3- FOR ARRGT. SEE F.P. 33541.
- 4- FOR THREE LINE DIAGRAM SEE SH. DD3e
- 5- ■ SEE SHEET 3
6. SEE CALCULATION 9763-3-ED-00-34-F FOR CIRCUIT LOAD AMPS.

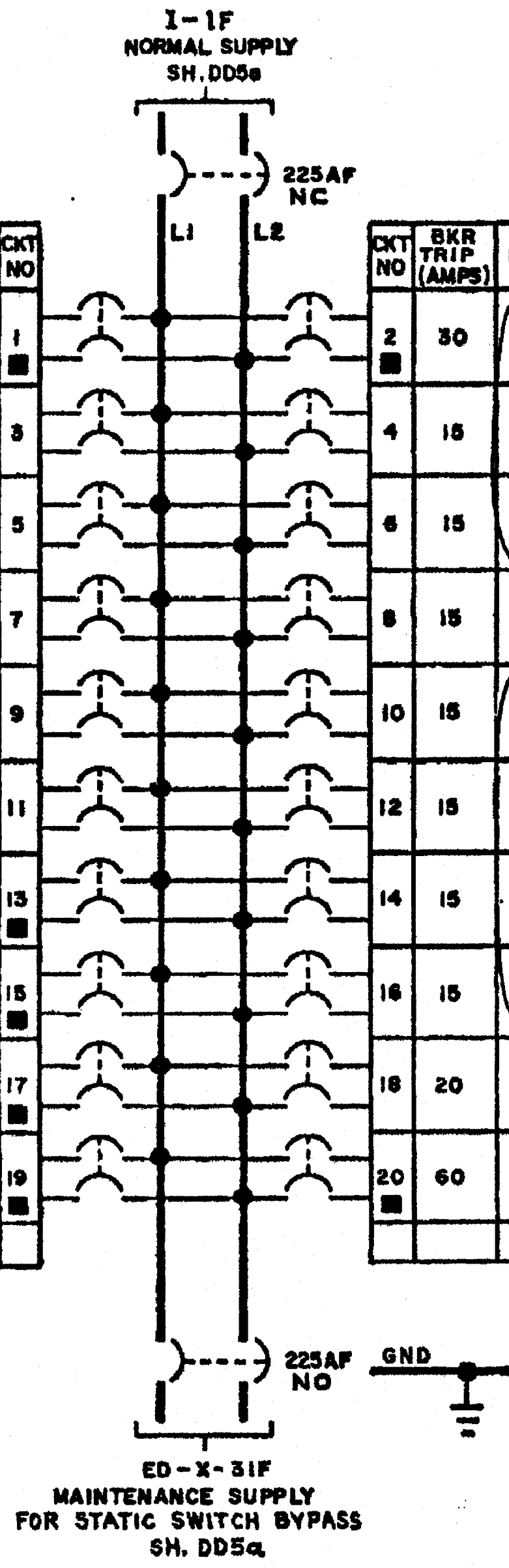
1-NHY-310105 SH. EH9d

REV	DATE	DESCRIPTION

REV	DATE	DESCRIPTION

NUCLEAR SAFETY RELATED
 B TRAIN LOAD GROUP

REFERENCE DWG.	DESCRIPTION	LOAD	BKR. TRIP (AMPS)	CKT NO
310952 SH.EHO/1a	CP-152B BOP INSTRUMENTS	—	30	1
310951 SH.EHO/3a	PAM 2 & COOLING TOWER MONITOR LIGHTS - MCB AR	—	15	3
310107 SH.5b	125 VDC BUS 11B 1-SWG-11B 120 VAC AUX. BUS	—	15	5
SH.EHOB	MCB SETPOINT STATION PWR SUPPLY MCB-SECT. DR	—	15	7
310890 SH.EHO/9a	SI ACCUM. TANK ISOL. VLV. POS. IND.	—	15	9
310890 SH.EHO/11a	SI & RH SYSTEMS B TRAIN VALVE POSITION INDICATING LIGHTS	—	15	11
SH.EIT/a	PP-11F VITAL INSTR. DISTR. PANEL 11F	—	60	13
M-310966 SH.EHO/15a	ISOLATION SYS CONTROL POWER	—	15	15
	SPARE	—	20	17
310952 SH.EHO/19	MM-CP-297B BOP INSTRUMENTS	—	30	19
	SPACE	—		



CKT NO	BKR TRIP (AMPS)	LOAD	DESCRIPTION	REFERENCE DWG.
2	30	—	CP-108B SHUTDOWN PANEL	310952 SH.EHO/2
4	15	—	CP-180B RADIATION MONITORING	310956 SH.EHO/4
6	15	—	125VDC BUS 11D 1-SWG-11D 120VAC AUX. BUS	310107 SH.5d
8	15	—	SPARE	
10	15	—	SW B TRAIN AUX. CONTROL	301107 SH.EHO/10a
12	15	—	PP-1F LOSS OF POWER	SH.EHO/12
14	15	—	ED-CP-238 GRD. DETECTION CAB.	SH.EHO/14a
16	15	—	RC VALVES (V-22, V-87) POSITION INDICATORS (FV-2896)	310882 SH.EHO/16
18	20	—	SPARE	
20	60	—	SPARE	
		—	SPACE	

225A, 120VAC, 16, 2W
 DISTRIBUTION PANEL EHO
 CONTROL BLDG., ELEV. 21'-6", COL. 2D

- NOTES**
- 1- ALL BREAKERS ARE THERMAL MAGNETIC EXCEPT NORMAL SUPPLY BREAKER WHICH IS NON-AUTO.
 - 2- ALL BREAKER ARE 100AF UNLESS OTHERWISE NOTED.
 - 3- FOR ARRGT. SEE F.P. 33542.
 - 4- FOR THREE LINE DIAGRAM SEE SH. DD5a
 - 5- SEE SHEET 3
 - 6- SEE CALCULATION 9763-3-ED-00-34-F FOR CIRCUIT LOAD AMPS.

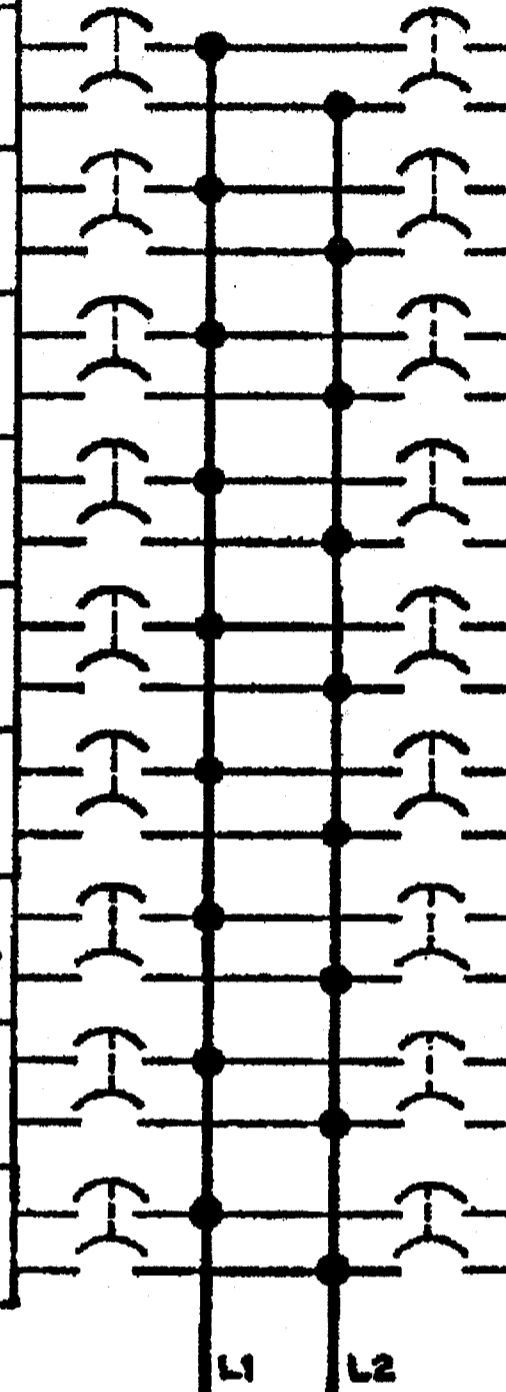
REV	DATE	DRWN/CHKD	DESCRIPTION
16	9/15/99	JLM/TN	INCRP MADD 98-638 DCN-01
17	9/8/99	JLM/TN	INCRP DCR 98-028 DCN-03

1-NHY-310105 SH. E1Sd

UPS 1-1-1E
VITAL INSTRUMENT
DISTR. PANEL 1-PP-11E
SCHEDULE

New Hampshire
Yankee
Seabrook
Station
SH.

REFERENCE DWG	DESCRIPTION	LOAD	BKR TRIP (AMPS)	CKT NR	CKT NR	BKR TRIP (AMPS)	LOAD	DESCRIPTION	REFERENCE DWG
310956 SH.E1S/1	RM-RM-6506A EAST AIR INTAKE RADIATION MONITOR	—	15	1	2	15	—	RM-RM-6507A WEST AIR INTAKE RADIATION MONITOR	310956 SH.E1S/2
310956 SH.E1S/3	RM-RM-6535A CNTMNT MANIPULATOR CRANE RADIATION MONITOR	—	15	3	4	15	—	MM-CP-108A REMOTE SHUTDOWN PNL. RECORDERS PWR. SUPPLY	310952 SH-E1S/4
310956 SH.E1S/5	RM-RM-6576A CONTAINMENT POST LOCA RADIATION MONITOR	—	15	5	6	15	—	DAH SYSTEM DAMPER DP-16A CONTROL	310928 SH-E1S/6a
310841 SH-E1S/7	MS ISOLATION VALVE V86 & V92	—	30A	7	8	15	—	C&C-CP-173 H ₂ ANALYZER CONTROL PNL.	310897 SH-E1S/8
310841 SH-E1S/9	MS ISOLATION VALVE V88 & V90	—	30A	9	10	15	—	RM-RM-6527A CNTMNT. ON-LINE PURGE RADIATION MONITOR	310956 SH-E1S/10
310965 SH.E1S/11	RVLIS/HELB LOOP A PLASMA DISPLAY SYSTEM	—	15	11	12	15	—	LOSS OF POWER	SH-E1S/12
310943 SH.E1S/13	NI-NM-6690 EX-CORE NEUTRON FLUX MONITORING SYSTEM	—	15	13	14	15	—	NI-NM-6690 EX-CORE NEUTRON FLUX MONITORING SYSTEM	310943 SH.E1S/13
310943 SH.E1S/13	NI-NM-6690 J EX-CORE NEUTRON FLUX MONITORING SYSTEM	—	15	15	16	15	—	NI-NM-31G BORON DILUTION MONITOR TRAIN 'A'	310943 SH.(FC6b)
310965 SH.E1S/17	RVLIS/HELB CONTROL CABINET POWER SUPPLY	—	15	17	18	15	—	RVLIS/HELB LOOP A PLASMA DISPLAY SYSTEM	310965 SH.E1S/11



100A, 120VAC, 1Ø, 2W
DISTRIBUTION PANEL
(E1S)
CONTROL BLDG, ELEV. 21' 6", COL. B-1

- NOTE:**
- FOR THREE LINE DIAGRAM SEE SH.DD3a
 - FOR ARRGT, SEE FP-32667
 - SEE CALCULATION 9763-3-ED-00-34-F FOR CIRCUIT LOAD AMPS.

1-NHY-310105 SH. E1Sd

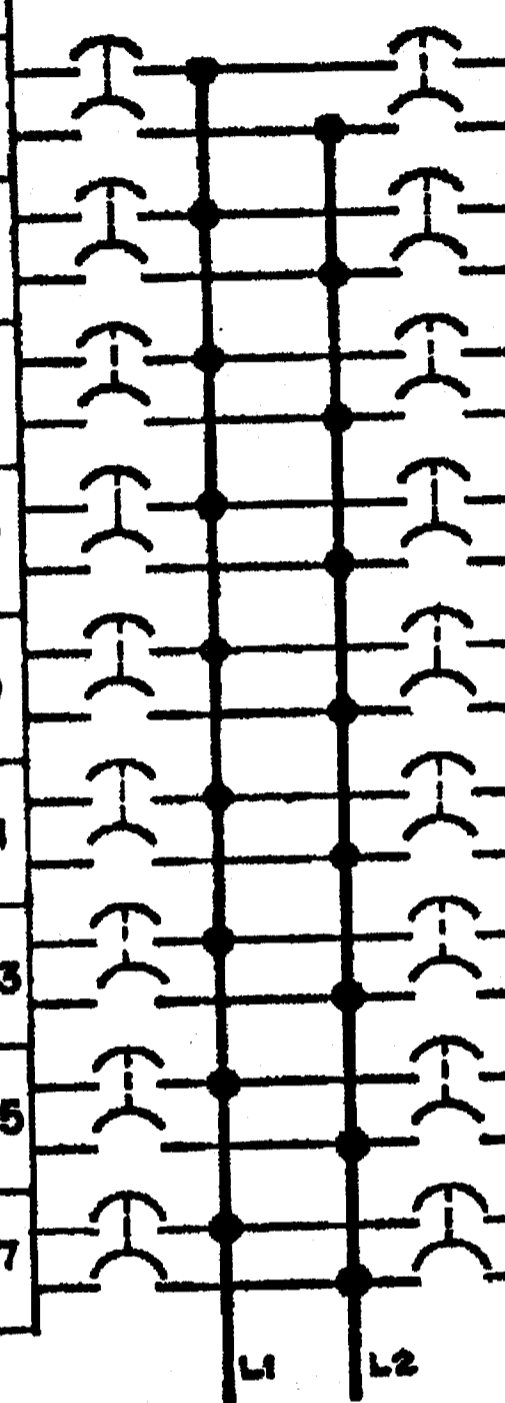
NUCLEAR SAFETY RELATED
"A" TRAIN LOAD GROUP

CONTROL BLDG, ELEV. 21' 6" COL D-2
 SEP. 06, 2000 14:37:48

REV	DATE	DRWN/CHKD	DESCRIPTION
16	9/15/99	JLM	INCORP MMD 98-638 DGN-01
17	9/8/00	JLM	INCORP DCR 98-028 DGN-03

UPS 1-1-1F
 VITAL INSTRUMENT
 DISTR. PANEL 1-PP-11F
 SCHEDULE
 New Hampshire
 Yankee
 Seabrook
 Station
 SH. 65
 1-NHY-310105 SH. E1TQ

REFERENCE DWG	DESCRIPTION	LOAD	BKR TRIP (AMPS)	CKT NO	CKT NO	BKR TRIP (AMPS)	LOAD	DESCRIPTION	REFERENCE DWG
310956 SH-EIT/1	RM-RM-6506B EAST AIR INTAKE RADIATION MONITOR	—	15	1	2	15	—	RM-RM-6507-B WEST AIR INTAKE RADIATION MONITOR	310956 SH-EIT/2
310956 SH-EIT/3	RM-RM-6535-B CNTMNT MANIPULATOR CRANE RADIATION MONITOR	—	15	3	4	15	—	MM-CF-108B SAFE SHUTDOWN PANEL RECORDERS PWR. SUPPLY	310952 SH-EIT/4
310956 SH-EIT/5	RM-RM-6576-B CONTAINMENT POST LOCA RADIATION MONITOR	—	15	5	6	15	—	DAH SYSTEM DAMPER DP-16B CONTROL	310928 SH-EIT/6a
310841 SH-EIT/7	MS ISOLATION VALVES V86 & V92	—	30	7	8	15	—	CGC-CF-174 H ₂ ANALYZER CONTROL PNL.	310897 SH-EIT/8
310841 SH-EIT/9	MS ISOLATION VALVES V88 & V90	—	30	9	10	15	—	RM-RM-6527B CNTMNT. ON-LINE PURGE RADIATION MONITOR	310956 SH-EIT/10
310182 SH-EIT/11a	ANNUNCIATORS MM-UA-51 & 55	—	15	11	12	15	—	LOSS OF POWER	SH-EIT/12
310943 SH-EIT/13	NI-NT-6691 EX-CORE NEUTRON FLUX MONITORING SYS	—	15	13	14	15	—	NI-NM-6691 EX-CORE NEUTRON FLUX MONITORING SYS	310943 SH-EIT/13
310943 SH-EIT/15	NI-NM-6691 J EX-CORE NEUTRON FLUX MONITORING SYS	—	15	15	16	15	—	NI-NM-32G BORON DILUTION MONITOR TRAIN 'B'	310943 SH-FG1B
310965 SH-EIT/17	RVLIS/HELB CONTROL CABINET POWER SUPPLY	—	15	17	18	15	—	SPARE	—



100A, 120VAC, 1Ø, 2W
 DISTRIBUTION PANEL
 (EIT)
 CONTROL BLDG, ELEV. 21' 6" COL D-2

- NOTES**
- FOR THREE LINE DIAGRAM SEE SH-005a
 - FOR ARRGT, SEE FF-32668
 - SEE CALCULATION 9763-3-ED-00-34-F FOR CIRCUIT LOAD AMPS

1-NHY-310105 SH E1TQ