

Duke Power Company
Wachovia Center
P.O. Box 1007
Charlotte, N.C. 28201-1007



DUKE POWER

March 10, 1992

Re: McGuire Nuclear Station
Selected Licensee Commitments

Attached are the latest revisions to the McGuire Nuclear Station Selected Licensee Commitment (SLC) Manual. This attachment consists of approved revisions to SLC 16.8-1, Containment Penetration Conductor Overcurrent Protective Devices. The LOEP are being reissued this time in entirety due to conversion to different word processing software.

Your manual should be updated as follows:

Remove These Pages

LOEP 1 through 10
Table 16.8-1a, page 36 of 39
Table 16.8-1b, page 10 of 39
Table 16.8-1b, page 36 of 39
Table 16.8-1b, page 37 of 39

Insert These Pages

LOEP 1 through 10
Table 16.8-1a, page 36 of 39
Table 16.8-1b, page 10 of 39
Table 16.8-1b, page 36 of 39
Table 16.8-1b, page 37 of 39

Any questions should be directed to me at 704-373-2365.

Laura Burba
Laura Burba
Nuclear Licensing Services

Attachment

9203250232 920310
PDR ADOCK 05000369
PDR

ADD 11

McGuire Nuclear Station
Selected Licensee Commitments
List of Effective Pages

<u>Page</u>	<u>Revision Date</u>
<u>LOEP Tab</u>	
LOEP 1	05/91
LOEP 2	10/90
LOEP 3	05/91
LOEP 4	05/91
LOEP 5	05/91
LOEP 6	12/90
LOEP 7	02/90
<u>Tab 16.0</u>	
16.0-1	
16.0-2	
<u>16.1</u>	
16.1-1	
<u>Tab 16.2</u>	
16.2-1	03/91
16.2-2	05/91
16.2-3	
16.2-4	
<u>Tab 16.3</u>	
16.3-1	05/91

<u>Page</u>	<u>Revision Date</u>
<u>Tab 16.4</u>	
<u>Tab 16.5</u>	
<u>Tab 16.6</u>	
<u>Tab 16.7</u>	
16.7-1	
<u>Tab 16.8</u>	
16.8-1	10/90
Table 16.8-1a 1 of 39	10/90
Table 16.8-1a 2 of 39	10/90
Table 16.8-1a 3 of 39	10/90
Table 16.8-1a 4 of 39	10/90
Table 16.8-1a 5 of 39	10/90
Table 16.8-1a 6 of 39	10/90
Table 16.8-1a 7 of 39	10/90
Table 16.8-1a 8 of 39	10/90
Table 16.8-1a 9 of 39	10/90
Table 16.8-1a 10 of 39	10/90
Table 16.8-1a 11 of 39	10/90
Table 16.8-1a 12 of 39	10/90
Table 16.8-1a 13 of 39	10/90
Table 16.8-1a 14 of 39	10/90
Table 16.8-1a 15 of 39	10/90
Table 16.8-1a 16 of 39	10/90

<u>Page</u>	<u>Revision</u>
Table 16.8-1a 17 of 39	10/90
Table 16.8-1a 18 of 39	10/90
Table 16.8-1a 19 of 39	10/90
Table 16.8-1a 20 of 39	10/90
Table 16.8-1a 21 of 39	10/90
Table 16.8-1a 22 of 39	10/90
Table 16.8-1a 23 of 39	10/90
Table 16.8-1a 24 of 39	10/90
Table 16.8-1a 25 of 39	10/90
Table 16.8-1a 26 of 39	10/90
Table 16.8-1a 27 of 39	10/90
Table 16.8-1a 28 of 39	10/90
Table 16.8-1a 29 of 39	10/90
Table 16.8-1a 30 of 39	10/90
Table 16.8-1a 31 of 39	10/90
Table 16.8-1a 32 of 39	10/90
Table 16.8-1a 33 of 39	10/90
Table 16.8-1a 34 of 39	10/90
Table 16.8-1a 35 of 39	10/90
Table 16.8-1a 36 of 39	01/92
Table 16.8-1a 37 of 39	10/90
Table 16.8-1a 38 of 39	10/90
Table 16.8-1a 39 of 39	10/90
Table 16.8-1b 1 of 39	05/91

<u>Page</u>	<u>Revision Date</u>
Table 16.8-1b 2 of 39	05/91
Table 16.8-1b 3 of 39	05/91
Table 16.8-1b 4 of 39	05/91
Table 16.8-1b 5 of 39	05/91
Table 16.8-1b 6 of 39	05/91
Table 16.8-1b 7 of 39	05/91
Table 16.8-1b 8 of 39	05/91
Table 16.8-1b 9 of 39	05/91
Table 16.8-1b 10 of 39	01/92
Table 16.8-1b 11 of 39	05/91
Table 16.8-1b 12 of 39	05/91
Table 16.8-1b 13 of 39	05/91
Table 16.8-1b 14 of 39	05/91
Table 16.8-1b 15 of 39	05/91
Table 16.8-1b 16 of 39	05/91
Table 16.8-1b 17 of 39	05/91
Table 16.8-1b 18 of 39	05/91
Table 16.8-1b 19 of 39	05/91
Table 16.8-1b 20 of 39	05/91
Table 16.8-1b 21 of 39	05/91
Table 16.8-1b 22 of 39	05/91
Table 16.8-1b 23 of 39	05/91
Table 16.8-1b 24 of 39	05/91

<u>Page</u>	<u>Revision Date</u>
Table 16.8-1b 25 of 39	05/91
Table 16.8-1b 26 of 39	05/91
Table 16.8-1b 27 of 39	05/91
Table 16.8-1b 28 of 39	05/91
Table 16.8-1b 29 of 39	05/91
Table 16.8-1b 30 of 39	05/91
Table 16.8-1b 31 of 39	05/91
Table 16.8-1b 32 of 39	05/91
Table 16.8-1b 33 of 39	05/91
Table 16.8-1b 34 of 39	05/91
Table 16.8-1b 35 of 39	05/91
Table 16.8-1b 36 of 39	01/92
Table 16.8-1b 37 of 39	01/92
Table 16.8-1b 38 of 39	05/91

Tab 16.9

16.9-1

16.9-2

16.9-3

16.9-4

16.9-5

Table 16.9-1

16.9-6

16.9-7

<u>Page</u>	<u>Revision Date</u>
16.9-8	
16.9-9	
Table 16.9-2	08/90
Table 16.9-2 (cont'd)	
16.9-10	
16.9-11	
16.9-12	12/90
16.9-13	
16.9-14	
Table 16.9-3	12/90
Table 16.9-3 (cont'd)	12/90
Table 16.9-3 (cont'd)	12/90
Table 16.9-3 (cont'd)	12/90
Table 16.9-3 (cont'd)	12/90
Table 16.9-3 (cont'd)	12/90
16.9-15	
16.9-16	
16.9-17	
16.9-18	
16.9-19	
Table 16.9-4	
Table 16.9-5	
16.9-20	02/90

<u>Page</u>	<u>Revision Date</u>
16.9-21	02/90
Table 16.9-6	
<u>Tab 16.10</u>	
<u>Tab 16.11</u>	
16.11-1	05/91
16.11-2	05/91
16.11-3	05/91
16.11-4	05/91
16.11-5	05/91
16.11-6	05/91
16.11-7	05/91
16.11-8	05/91
16.11-9	05/91
16.11-10	05/91
16.11-11	05/91
16.11-12	05/91
16.11-13	05/91
16.11-14	05/91
16.11-15	05/91
16.11-16	05/91
16.11-17	05/91
16.11-18	05/91
16.11-19	05/91
16.11-20	05/91
16.11-21	05/91
16.11-22	05/91

16.11-23	05/91
16.11-24	05/91
16.11-25	05/91
16.11-26	05/91
16.11-27	05/91
16.11-28	05/91
16.11-29	05/91
16.11-30	05/91
16.11-31	05/91
16.11-32	05/91
16.11-33	05/91
16.11-34	05/91
16.11-35	05/91
16.11-36	05/91
16.11-37	05/91
16.11-38	05/91
16.11-39	05/91
16.11-40	05/91
16.11-41	05/91
16.11-42	05/91
16.11-43	05/91
16.11-44	05/91
16.11-45	05/91
16.11-46	05/91
16.11-47	05/91
16.11-48	05/91
16.11-49	05/91
16.11-50	05/91

16.11-51	05/91
16.11-52	05/91
16.11-53	05/91
16.11-54	05/91
16.11-55	05/91
16.11-56	05/91
16.11-57	05/91
16.11-58	05/91
16.11-59	05/91
16.11-59	05/91
16.11-60	05/91
16.11-61	05/91
16.11-62	05/91
16.11-63	05/91

Tab 16.12

Tab 16.13

16.13-1

Tab 16.14

Tab 16.15

Appendix Tab

1

2

3

4

5

6

.

Attachment 1

Attachment 2

Attachment 3

TABLE 16.8-1a (Page 36 of 39)

UNIT 1 CONTAINMENT PENETRATION CONDUCTOR OVERCURRENT PROTECTIVE DEVICES

DEVICE NUMBER & LOCATION	TRIP SETPOINT OR CONT. RATING (AMPERES)	RESPONSE TIME (SECONDS)	SYSTEM POWERED
3. 600 VAC-Press Htr Pwr Pnl's (Continued)			
Backup Press Htr Pwr Pnl 1D-2D	90	110 @ 270A	Pressurizer Heaters 38, 67, & 68
Primary Bkr Backup Fuse	90	N.A.	
Backup Press Htr Pwr Pnl 1D-2E	90	110 @ 270A	Pressurizer Heaters 43, 73, & 74
Primary Bkr Backup Fuse	90	N.A.	
4. 120 VAC-Panelboards			
1EKVD-12			
Primary Fuse	6	N.A.	Rad Mon Sys Sample Solenoid
Backup Fuse	6	N.A.	Vlvs IMISV 5581 & 5583
KRA-22			
Primary Fuse	1	N.A.	Rad Mons IEMF9 & IEMF16
Backup Fuse	1	N.A.	
KXA-13			
Primary Fuse	10	N.A.	Rad Mon Sys Sample Solenoid
Backup Fuse	10	N.A.	Vlvs IMISV 5584, 5585, & 5586
1KM-1			
Primary Bkr	30	45 @ 90A	RCP 1B Space Htr
Backup Fuse	30	N.A.	

TABLE 16.8-1b (Page 10 of 30)

UNIT 2 CONTAINMENT PENETRATION CONDUCTOR OVERCURRENT PROTECTIVE DEVICES

DEVICE NUMBER & LOCATION	TRIP SETPOINT OR CONT. RATING (AMPERES)	RESPONSE TIME (SECONDS)	SYSTEM POWERED
2. 600 VAC-MCC (Continued)			
2EMXC-7D Primary Bkr Backup Fuse	20 20	45 @ 60A N.A.	Pwr Pwr Oper Relief Isol Vlv 2NC33A
2EMXC-8C Primary Bkr Backup Fuse	20 20	45 @ 50A N.A.	Incore Instrumentation Rm Air Hdly Unit 2A
2EMXC-7B Primary Bkr Backup Fuse	20 20	45 @ 60A N.A.	Upper Containment Return Air Fan No. 2A
2EMXA-4 3C Primary Bkr Backup Fuse	30 30	45 @ 90A N.A.	NC Loop 2C Discharge to NO System Cont Isol Vlv 2ND 2AC
2EMXD-1A Primary Bkr Backup Fuse	200 200	250 @ 600A N.A.	Lower Containment Cooling Unit No. 2B
2EMXD-2A Primary Bkr Backup Fuse	200 200	250 @ 600A N.A.	Lower Containment Cooling Unit No. 20
2EMXD-3B Primary Bkr Backup Fuse	40 40	45 @ 120A N.A.	Containment Pipe Tunnel Booster Fan CPT-BF-2B

TABLE 16.8-1b (Page 36 of 39)

UNIT 2 CONTAINMENT PENETRATION CONDUCTOR OVERCURRENT PROTECTIVE DEVICES

DEVICE NUMBER & LOCATION	TRIP SETPOINT OR CONT. RATING (AMPERES)	RESPONSE TIME (SECONDS)	SYSTEM POWERED
4. 120 VAC-Panelboards			
KXB-6 Primary Fuse	10	N.A.	Rad Mon Sys Sample Valves
Backup Fuse	10	N.A.	2MISV-5584, 5585, & 5586
2KM-19 Primary Bkr	20	45 @ 90A	RCP 2A Space Htr
Backup Fuse	20	N.A.	
2KM-20 Primary Bkr	20	45 @ 90A	RCP 2C Space Htr
Backup Fuse	20	N.A.	
2KN-30 Primary Bkr	20	36 @ 60A	Cont Spray Sys Rh
Backup Fuse	20	N.A.	Trans 2 NSMT-5410
2KN-29 Primary Bkr	20	36 @ 60A	Cont Spray Sys Rh
Backup Fuse	20	N.A.	Trans 2 NSMT-5400
2KN-19 Primary Bkr	20	45 @ 90A	RCP 2B Space Htr
Backup Fuse	20	N.A.	
2KN-20 Primary Bkr	20	45 @ 90A	RCP 2D Space Htr
Backup Fuse	20	N.A.	

TABLE 16.8-1b (Page 37 of 39)

UNIT 2 CONTAINMENT PENETRATION CONDUCTOR OVERCURRENT PROTECTIVE DEVICES

DEVICE NUMBER & LOCATION	TRIP SETPOINT OR CONT. RATING (AMPERES)	RESPONSE TIME (SECONDS)	SYSTEM POWERED
4. 120 VAC-Panelboards (Continued)			
2KM-29 Primary Bkr	30	25 @ 60A	Unit 2
Backup Fuse	20	N.A.	Incore Inst Dehum #1
2KN-27 Primary Bkr	20	3f @ 60A	Fuel Handling Control Console
Backup Fuse	20	N.A.	
2KN-25 Primary Bkr	30	36 @ 60A	Unit 2 Incore Inst
Backup Fuse	20	N.A.	Dehum #2
KRB-22 Primary Fuse	1	N.A.	Rad Monitors 2EMF-3 &
Backup Fuse	1	N.A.	2EMF-4
2EKVD-11 Primary Fuse	6	N.A.	Rad Mon Sys Sample
Backup Fuse	6	N.A.	Solenoid Valves
5. 250 VDC-Lighting			2MISV 5581 and 5583
RB Deadlight Pnlbd			
20LD #1			
Primary Bkr	20	40 @ 60A	Ltg Pnl Nos. 2LR1 & 2LS2
Backup Fuse	20	N.A.	