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- 4) 03447 DON R MILLER MG01RP
- 5) 03614 MCG OPS PROCEDURE GP MG01OP
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- 7) 03759 U S NUC REG WASHINGTON, DC
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- 9) 09460 W C SPENCER MG01RP
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## Duke Energy DOCUMENT TRANSMITTAL FORM

### REFERENCE

MCGUIRE NUCLEAR STATION

SELECTED LICENSEE COMMITMENTS  
MANUAL (SLC)

RECORD RETENTION # 581188

Page 2 of 2

Date: 06/26/13

Document Transmittal #: DUK131770042

QA CONDITION  Yes  No

OTHER ACKNOWLEDGEMENT REQUIRED  Yes

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DOCUMENT NO	QA COND	REV #/ DATE	DISTR CODE	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	TOTAL
SLC MEMORANDUM [1 pg.]	NA	136 05/06/13	MADM-03A	V1	X	V1	V1	V1	V2	V1	V1	V1							24
SLC 16.7.3 [2 pgs.]	NA	136 05/06/13																	
LIST OF EFFECTIVE SECTIONS [3 pgs.]	NA	118 05/06/13																	

REMARKS: PLEASE UPDATE ACCORDINGLY.

REPRO: 3 HOLE PUNCH COPIES

RECIPIENT #03044 PREVIOUSLY COMPLETED

S D CAPPS

VICE PRESIDENT

MCGUIRE NUCLEAR STATION

BY:

B C BEAVER MG01RC BCB/BRG

A001  
NR

May 6, 2013

MEMORANDUM

To: All McGuire Nuclear Station Selected Licensee Commitments (SLC) Manual Holders

Subject: McGuire SLC Manual Update

Please revise your copy of the manual as follows:

REMOVE

List of Effective Sections (Rev 117)  
SLC 16.7.3 (entire section) (Rev 134)

INSERT

List of Effective Sections (Rev 118)  
SLC 16.7.3 (entire section) (Rev 136)

**Revisions may skip numbers due to Regulatory Compliance Filing System.**

Please call me if you have questions.

*Bonnie Beaver*

Bonnie Beaver  
Regulatory Compliance  
980-875-4180

SELECTED LICENSEE COMMITMENTS (SLC)

LOES

SLCs ARE REVISED PER SECTION

SECTION	REVISION NUMBER	DATE
16.1	REVISION 32	12/2/02
16.2	REVISION 134	3/6/13
16.3	REVISION 134	3/6/13
16.4	Not Issued	
16.5.1	REVISION 115	0308/10
16.5.2	REVISION 0	12/14/99
16.5.3	REVISION 0	12/14/99
16.5.4	REVISION 55	3/23/04
16.5.5	REVISION 0	12/14/99
16.5.6	DELETED - REVISION 120	12/30/10
16.5.7	REVISION 53	1/13/04
16.5.8	REVISION 0	12/14/99
16.5.9	REVISION 108	06/10/09
16.5.10	REVISION 134	3/6/13
16.6.1	REVISION 0	12/14/99
16.6.2	DELETED - REVISION 43	6/11/03
16.6.3	REVISION 134	3/6/13
16.6.4	REVISION 27	06/12/02
16.7.1	REVISION 134	3/6/13
16.7.2	REVISION 134	3/6/13
16.7.3	REVISION 136	4/26/13
16.7.4	REVISION 134	3/6/13
16.7.5	REVISION 134	3/6/13
16.7.6	REVISION 134	3/6/13
16.7.7	REVISION 134	3/6/13
16.7.8	REVISION 134	3/6/13
16.7.9	REVISION 134	3/6/13
16.7.10	REVISION 134	3/6/13
16.7.11	REVISION 134	3/6/13
16.8.1	REVISION 135	3/18/13
16.8.2	REVISION 0	12/14/99
16.8.3	REVISION 121	12/30/10
16.9.1	REVISION 134	3/6/13
16.9.2	REVISION 134	3/6/13
16.9.3	REVISION 134	3/6/13
16.9.4	REVISION 134	3/6/13
16.9.5	REVISION 134	3/6/13
16.9.6	REVISION 134	3/6/13
16.9.7	REVISION 133	12/23/12
16.9.8	REVISION 134	3/6/13
16.9.9	REVISION 101	4/02/08
16.9.10	DELETED - REVISION 13	2/26/01
16.9.11	REVISION 22	2/25/02
16.9.12	REVISION 101	4/02/08

SELECTED LICENSEE COMMITMENTS (SLC)

LOES

*SLCs ARE REVISED PER SECTION*

SECTION	REVISION NUMBER	DATE
16.9.13	DELETED - REVISION 13	2/26/01
16.9.14	REVISION 22	2/25/02
16.9.15	REVISION 134	3/6/13
16.9.16	REVISION 111	09/09/09
16.9.17	REVISION 86	1/17/07
16.9.18	REVISION 0	12/14/99
16.9.19	REVISION 134	3/6/13
16.9.20	REVISION 8	11/30/00
16.9.21	REVISION 0	12/14/99
16.9.22	REVISION 109	8/13/09
16.9.23	REVISION 134	3/6/13
16.9.24	DELETED – REVISION 74	6/27/05
16.9.25	REVISION 87	1/17/07
16.10.1	REVISION 56	4/6/04
16.11.1	REVISION 112	2/4/10
16.11.2	REVISION 134	3/6/13
16.11.3	REVISION 0	12/14/99
16.11.4	REVISION 134	3/6/13
16.11.5	REVISION 0	12/14/99
16.11.6	REVISION 112	2/4/10
16.11.7	REVISION 134	3/6/13
16.11.8	REVISION 0	12/14/99
16.11.9	REVISION 0	12/14/99
16.11.10	REVISION 134	3/6/13
16.11.11	REVISION 134	3/6/13
16.11.12	REVISION 67	2/28/05
16.11.13	REVISION 91	3/22/07
16.11.14	REVISION 21	1/17/02
16.11.15	REVISION 21	1/17/02
16.11.16	REVISION 134	3/6/13
16.11.17	REVISION 118	10/19/10
16.11.18	REVISION 0	12/14/99
16.11.19	REVISION 0	12/14/99
16.11.20	REVISION 0	12/14/99
16.12.1	REVISION 0	12/14/99
16.12.2	REVISION 0	12/14/99
16.13.1	REVISION 51	10/1/03
16.13.2	DELETED – REVISION 75	7/20/05
16.13.3	DELETED – REVISION 75	7/20/05
16.13.4	REVISION 134	3/6/13
16.14.1	REVISION 0	12/14/99
16.14.2	REVISION 104	3/18/09

16.7 INSTRUMENTATION

16.7.3 Meteorological Instrumentation

COMMITMENT      The meteorological monitoring instrumentation channels shown in Table 16.7.3-1 shall be FUNCTIONAL.

APPLICABILITY:    At all times.

REMEDIAL ACTIONS

CONDITION	REQUIRED ACTION	COMPLETION TIME
A. One or more required Meteorological monitoring channels non-functional.	A.1 Restore non-functional channel(s) to FUNCTIONAL status.	7 days
	<u>OR</u> A.2 Prepare and submit a Special Report outlining the cause of the malfunction and plans for restoring the channel(s) to FUNCTIONAL status.	17 days

TESTING REQUIREMENTS

-----NOTE-----

Refer to Table 16.7.3-1 to determine which TRs apply for each meteorological monitoring instrumentation.

TEST	FREQUENCY
TR 16.7.3.1 Perform CHANNEL CHECK.	24 hours
TR 16.7.3.2 Perform a CHANNEL CALIBRATION.	6 months.
TR 16.7.3.3 Perform a CHANNEL VERIFICATION.	Weekly

TABLE 16.7.3-1

METEOROLOGICAL MONITORING INSTRUMENTATION

INSTRUMENT AND LOCATION	REQUIRED CHANNELS	TESTING REQUIREMENTS
1. Wind Speed		
1.a Meteorological Tower Nominal Elev. 801.88'	1	TR 16.7.3.1 TR 16.7.3.2 TR 16.7.3.3
1.b Meteorological Tower Nominal Elev. 964.88'	1	TR 16.7.3.1 TR 16.7.3.2 TR 16.7.3.3
2. Wind Direction		
2.a Meteorological Tower Nominal Elev. 801.88'	1	TR 16.7.3.1 TR 16.7.3.2 TR 16.7.3.3
2.b Meteorological Tower Nominal Elev. 964.88'	1	TR 16.7.3.1 TR 16.7.3.2 TR 16.7.3.3
3. Air Temperature - Delta T		
3.a Meteorological Tower Nominal Elev. 798.46' - 962.22'	1	TR 16.7.3.1 TR 16.7.3.2 TR 16.7.3.3

## BASES

The FUNCTIONALITY of the meteorological instrumentation ensures that sufficient meteorological data are available for estimating potential radiation doses to the public as a result of routine or accidental release of radioactive materials to the atmosphere. This capability is required to evaluate the need for protective measures to protect the health and safety of the public and is consistent with the recommendations of Regulatory Guide 1.23, "Onsite Meteorological Programs," February 1972.

## TESTING REQUIREMENTS

### CHANNEL CHECK

The daily channel check consists of a qualitative assessment, by observation, of each instrument channel's behavior based upon knowledge of current and previous weather conditions. Each channel is verified to have power, indicating on scale, and updating normally.

### CHANNEL VERIFICATION

The weekly channel verification combines a more extensive channel check with limited calibration checks and parameter adjustments as necessary. Visual inspections, from the ground, of the wind speed cups and directional vanes are also performed.

### CHANNEL CALIBRATION

The semi-annual channel calibration encompasses the entire channel from the sensors to the data recorders. Each sensor is lowered from the tower, inspected, and replaced if necessary. A full calibration on each processor and data recorder is performed and replaced if necessary.

## REFERENCES

1. Regulatory Guide 1.23, "Onsite Meteorological Programs," February 1972.
2. UFSAR Section 2.3.3.