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SELECTED LICENSEE COMMITMENTS MANUAL (SLC)

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SLC 16.9.4	NA	132 09/20/12																	

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6) 00485 OPS TEST GROUP - MG01OP
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OTHER ACKNOWLEDGEMENT REQUIRED ■ Yes

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LOES	NA	113 10/10/12	MADM-03A	V1	V1	V1	V1	T1	V1	V1	V1	V1	V1	V1	V1	V1	V1	V1	24
SLC 16.9.4	NA	132 09/20/12																	

REMARKS: PLEASE UPDATE ACCORDINGLY.

S D CAPPS
VICE PRESIDENT
MCGUIRE NUCLEAR STATION

BY:

B C BEAVER MG01RC BCB/TLC

SELECTED LICENSEE COMMITMENTS (SLC)
LOES
SLCs ARE REVISED PER SECTION

SECTION	REVISION NUMBER	DATE
16.1	REVISION 32	12/2/02
16.2	REVISION 90	3/13/07
16.3	REVISION 48	7/31/03
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 38	4/9/03
16.6.1	REVISION 0	12/14/99
16.6.2	DELETED - REVISION 43	6/11/03
16.6.3	REVISION 61	04/07/05
16.6.4	REVISION 27	06/12/02
16.7.1	REVISION 0	12/14/99
16.7.2	REVISION 80	10/1/05
16.7.3	REVISION 0	12/14/99
16.7.4	REVISION 1	4/11/00
16.7.5	REVISION 0	12/14/99
16.7.6	REVISION 103	12/03/08
16.7.7	REVISION 0	12/14/99
16.7.8	REVISION 77	10/12/05
16.7.9	REVISION 97	10/06/08
16.7.10	REVISION 0	12/14/99
16.7.11	REVISION 71	05/25/05
16.8.1	REVISION 131	09/20/12
16.8.2	REVISION 0	12/14/99
16.8.3	REVISION 121	12/30/10
16.9.1	REVISION 53	1/13/04
16.9.2	REVISION 81	6/15/06
16.9.3	REVISION 106	05/26/09
16.9.4	REVISION 132	09/20/12
16.9.5	REVISION 81	6/15/06
16.9.6	REVISION 130	5/16/12
16.9.7	REVISION 122	1/14/11
16.9.8	REVISION 96	9/10/07
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 116	4/7/10
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 102	9/3/08
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 88	1/17/07
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 84	7/19/06
16.11.3	REVISION 0	12/14/99
16.11.4	REVISION 0	12/14/99
16.11.5	REVISION 0	12/14/99
16.11.6	REVISION 112	2/4/10
16.11.7	REVISION 84	7/19/06
16.11.8	REVISION 0	12/14/99
16.11.9	REVISION 0	12/14/99
16.11.10	REVISION 0	12/14/99
16.11.11	REVISION 41	8/21/03
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 1	4/11/00
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 58	5/11/04
16.14.1	REVISION 0	12/14/99
16.14.2	REVISION 104	3/18/09

16.9 AUXILIARY SYSTEMS

16.9.4 Fire Hose Stations

COMMITMENT The fire hose stations shown in Table 16.9.4-1 shall be OPERABLE.

APPLICABILITY Whenever equipment in areas protected by the fire hose stations is required to be OPERABLE.

REMEDIAL ACTIONS

----------NOTES----------

1. One outlet of the wye shall be connected to the standard length of hose provided for the hose station. The second outlet of the wye shall be connected to a length of hose sufficient to provide coverage for the area left unprotected by the inoperable hose station.

2. Where it can be demonstrated that the physical routing of the fire hose would result in a recognizable hazard to operating technicians, plant equipment, or the hose itself, the fire hose shall be stored in a roll at the outlet of the OPERABLE hose station.

3. Signs shall be mounted above the gate wye(s) to identify the proper hose to use.

CONDITION		REQUIRED ACTION		COMPLETION TIME
A.	One or more fire hose stations inoperable in an area in which the hose is the primary means of fire suppression.	A.1	Provide gated wye(s) on nearest OPERABLE hose station(s).	1 hour
B.	One or more fire hose stations inoperable in an area in which the hose is not the primary means of fire suppression.	B.1	Provide gated wye(s) on nearest OPERABLE hose station(s).	24 hours

TESTING REQUIREMENTS

	TEST	FREQUENCY
TR 16.9.4.1	Perform visual inspection of the fire hose stations, accessible during plant operations, to assure all required equipment is at the station and the fire hose shows no physical damage.	Quarterly or in accordance with the performance based criteria stated in the Bases
TR 16.9.4.2	Perform a visual inspection of the fire hose stations not accessible during plant operations to assure all required equipment is at the station and the fire hose shows no physical damage.	18 months
TR 16.9.4.3	Remove each fire hose for inspection and reracking.	18 months
TR 16.9.4.4	Inspect all fire hose gaskets and replace degraded gaskets in the couplings.	18 months
TR 16.9.4.5	Open each hose station valve partially to verify valve OPERABILITY and no flow blockage.	3 years
TR 16.9.4.6	Conduct a hose hydrostatic test at a pressure $\geq$ 150 psig or $\geq$ 50 psig above maximum fire main operating pressure, whichever is greater.	3 years

TABLE 16.9.4-1
Page 1 of 2

FIRE HOSE STATIONS

Number	Location	Elevation (feet)
157	55-FF	695
158	57-FF	695
175	51-LL/MM	716
176	55-MM	716
177	55-QQ	716
178	58/59-MM	716
179	61-LL	716
180	52-CC	716
181	54-GG	716
182	58-GG	716
183	59-CC /DD	716
167	51-JJ/KK	733
168	52-MM/NN	733
169	55-NN	733
170	57-LL	733
171	54-HH	733
172	58-HH	733
173	60-MM/NN	733
174	61-JJ/KK	733
887	53-DD	733
889	51/52-DD	733
890	51-BB	733
891	40-CC	733
892	43/44-DD	733
893	40-AA/BB	733
894	44-AA/BB	733
895	46-BB	733
897	60-DD	733
898	61-BB	733
899	66-BB	733
900	68-AA/BB	733
901	72-BB	733
902	68/69-DD	733
903	72-DD	733
904	58-CC/DD	733

TABLE 16.9.4-1
Page 2 of 2

FIRE HOSE STATIONS

Number	Location	Elevation (feet)
913	45-AA/BB	733
914	66-BB	733
1184	56-JJ	733
161	50/51-MM	750
162	54/55-LL	750
163	54-JJ	750
164	56-QQ	750
165	58-LL/MM	750
166	61-MM	750
302	60-KK	750
303	52-GG	750
961	45-BB	750
962	46-CC	750
963	51-BB	750
964	51-CC	750
965	54-BB	750
966	56-DD	750
967	67-BB	750
968	66-CC	750
969	61-CC	750
970	61-BB	750
971	58-BB	750
972	57-DD	750
1185	58-JJ	750
184	54-KK	767
185	54-MM	767
186	50/51-MM	767
191	56-GG	767
192	58-JJ	767
193	60-MM	767
194	61/62-MM	767
974	51-BB	767
975	61-BB	767

BASES

The OPERABILITY of the Fire Suppression Systems ensures that adequate fire suppression capability is available to confine and extinguish fires occurring in any portion of the facility where safety-related equipment is located. The Fire Suppression System consists of the water system, spray, and/or sprinklers, Halon, and fire hose stations. The collective capability of the Fire Suppression Systems is adequate to minimize potential damage to safety-related equipment and is a major element in the facility fire protection program.

In the event that portions of the Fire Suppression Systems are inoperable, alternate backup fire-fighting equipment is required to be made available in the affected areas until the inoperable equipment is restored to service. When the inoperable fire-fighting equipment is intended for use as a backup means of fire suppression, a longer period of time is allowed to provide an alternate means of fire fighting than if the inoperable equipment is the primary means of fire suppression.

The Testing Requirements provide assurance that the minimum OPERABILITY requirements of the Fire Suppression Systems are met.

The location of the required equipment at the fire hose station and the physical condition of fire hose is critical to fire brigade operations. The option of increasing or decreasing the frequency of the fire hose station inspections, based on hose performance, allows the ability to optimize plant resources. Should an adverse trend develop with fire hose station equipment or fire hose condition, the frequency of the inspection shall be increased. Similarly if the fire hose station equipment or fire hose condition trends are positive, the frequency of verification could be decreased. Through programmed trending of fire hose station inspections, fire hose stations will be maintained at predetermined reliability standards. The option to modify the frequency of SLC TR 16.9.4.1 is the responsibility of the Site Fire Protection Engineer via trending analysis of previous inspection results based on the following:

Annual review of the results of the completed fire hose station inspection procedures.

- If the results demonstrate that the fire hose stations are found acceptable at least 99% of the time over the 3 year rolling period, the frequency of conducting the fire hose station inspection may be decreased from - monthly to quarterly or - quarterly to semiannually or - semiannually to annually - as applicable. The frequency shall not be extended beyond annually (including grace period).

- If the results demonstrate that the fire hose stations are not found acceptable at least 99% of the time, the frequency of conducting the fire hose station inspections shall be increased from - annually to semiannually or - semiannually to quarterly or - quarterly to monthly - as applicable. The verification need not be conducted more often than monthly.

This commitment is part of the McGuire Fire Protection Program and therefore subject to the provisions of McGuire Facility Operating License Conditions 2.C.(4) (Unit 1) and 2.C.(4) (Unit 2).

REFERENCES

1. McGuire Nuclear Station UFSAR, Chapter 9.5.1

2. McGuire Nuclear Station SER Supplement 2, Chapter 9.5.1 and Appendix D

3. McGuire Nuclear Station SER Supplement 5, Chapter 9.5.1 and Appendix B

4. McGuire Fire Protection Review, as revised

5. McGuire Nuclear Station SER Supplement 6, Chapter 9.5.1 and Appendix C

6. McGuire Nuclear Station Facility Operating Licenses, Unit 1 License Condition C.(4) and Unit 2 License Condition 2.C.(4).

7. McGuire Nuclear Station UFSAR, Section 18.2.8, Fire Protection Program.

8. McGuire License Renewal Commitments MCS-1274.00-00-0016, Section 4.13, Fire Protection Program.