



DUKE POWER

December 14, 1995

U.S. Nuclear Regulatory Commission
Attention: Document Control Desk
Washington, D.C. 20555

Subject: McGuire Nuclear Station, Units 1 and 2
Docket Nos. 50-369 and 50-370
Catawba Nuclear Station, Units 1 and 2
Docket Nos. 50-413 and 50-414
Proposed Technical Specification (TS) Amendments
TS 3/4.8.1 and Bases - A.C. Sources
TS 6.8.4 - Programs

Dear Sir:

Pursuant to 10 CFR 50.4 and 50.90, please find attached proposed license amendments to Appendix A (Technical Specifications) of Facility Operating Licenses NPF-9 and NPF-17 for McGuire Nuclear Station, and Facility Operating Licenses NPF-35 and NPF-52 for Catawba Nuclear Station.

The proposed changes significantly improve the TS Action Statements and Surveillance Requirements for the diesel generators (DG) by incorporating guidance and recommendations (as applicable to DGs) contained in NUREG-1366, "Improvements to Technical Specifications Surveillance Requirements," Generic Letter (GL) 93-05, "Line-Item Technical Specifications Improvements to Reduce Surveillance Requirements for Testing During Power Operations," GL 94-01, "Removal of Accelerated testing and Special Reporting Requirements for Emergency Diesel Generators," and NUREG-1431, "Revised Standard Technical Specifications for Westinghouse PWRs". The proposed changes can be grouped into 5 categories: 1/ changes in accordance with GL 93-05, 2/ changes in accordance with GL 94-01, 3/ changes in accordance with NUREG-1431 (more stringent, less stringent), 4/ other technical changes, and 5/ pure administrative changes.

Attachment 1 is a matrix summarizing all the changes with their corresponding TS numbers and change categories.

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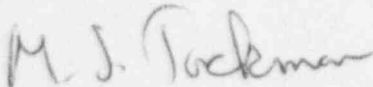
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GL 94-01 requires licensees who remove the TS provisions for accelerated DG testing and special reporting to implement within 90 days of the issuance of the license amendment a maintenance program for monitoring and maintaining DG performance consistent with the provisions of 10 CFR 50.65, "Requirements for Monitoring the Effectiveness of Maintenance at Nuclear Power Plants," and the guidance (as applicable to DGs) of Regulatory Guide (RG) 1.160, "Monitoring the Effectiveness of Maintenance at Nuclear Power Plants." These maintenance programs will be implemented at McGuire and Catawba no later than July 10, 1996 as required by 10 CFR 50.65. It is requested that the implementation date for these TS amendments be within 90 days of the issuance of the amendments to provide enough time to implement the changes.

Attachments 2a and 2b contain the marked TS pages for McGuire and Catawba, respectively. Attachment 3 contains the item-by-item technical justification for the proposed changes for both McGuire and Catawba. Attachment 4 contains the safety analysis for both McGuire and Catawba. Pursuant to 10 CFR 50.91, Attachment 5 provides the analysis performed in accordance with the standards contained in 10 CFR 50.92. This analysis concludes that the proposed amendments do not involve a significant hazards consideration for either McGuire or Catawba. Attachments 6a and 6b contain the final TS pages for McGuire and Catawba, respectively. By copy of this submittal, this amendment request application and No Significant Hazards Consideration Evaluation are being forwarded to the appropriate North Carolina and South Carolina State Officials.

Please contact P. T. Vu at (704) 875-4302 or Larry Rudy at (803) 831-3084 if there are any questions regarding this license amendment submittal.

Very truly yours,



M.S. Tuckman

Attachments

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xc: (w/attachments)

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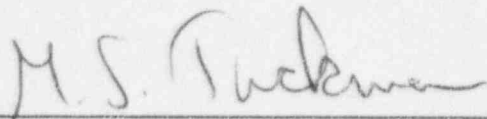
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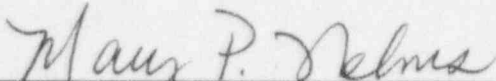
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M.S. Tuckman, being duly sworn, states that he is Senior Vice President of Duke Power Company; that he is authorized on the part of said company to sign and file with the U.S. Nuclear Regulatory Commission these revisions to the McGuire Nuclear Station License Nos. NPF-9 and NPF-17 and Catawba Nuclear Station License Nos NPF-35 and NPF-52; and, that all statements and matters set forth therein are true and correct to the best of his knowledge.



M.S. Tuckman
M.S. Tuckman, Senior Vice President

Subscribed and sworn to before me this fourteenth day of December 1995.


Mary P. Nelson
Notary Public

My Commission Expires:

JAN 22, 1996

bxc: (w. attachments)

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N.E. Kunkel (MG01CP)
R.A. Lindsay (MG03OT)
C.A. Majure (MG02TR)
MNS RGC Tech. Spec. Subject File
CNS Master File CN 801.01
Catawba Owners:
NCMPA-1
NCEMC
PMPA
SREC

ATTACHMENT 1

MATRIX SUMMARIZING ALL CHANGES

GL 93-05	PROPOSED CHANGE (ATTACH. 3)	MNS SPEC (ATTACH. 2a)	CNS SPEC (ATTACH. 2b)	NEW STS
Delete requirement to test DGs when one offsite circuit is inoperable.	A1	3.8.1.1 Action a	3.8.1.1 Action a	3.8.1 Action A
Allow remaining DG not to be tested if inoperability of other DG was due to inoperable support system, independently testable component, or preplanned testing or maintenance.	B2 C2	3.8.1.1 Action b 3.8.1.1 Action d	3.8.1.1 Action b 3.8.1.1 Action c	3.8.1 Action D 3.8.1 Action B
Further allow remaining DG not to be tested (after not meeting exceptions above) if can verify that no potential common mode failure exists for remaining DG.	B3 C3	3.8.1.1 Action b 3.8.1.1 Action d	3.8.1.1 Action b 3.8.1.1 Action c	3.8.1 Action D 3.8.1 Action B.3.1 3.8.1 Action B.3.2 3.8.1 Action B 3.8.1 Action B.3.1 3.8.1 Action B.3.2
Delete requirement to test DGs when two offsite circuits are inoperable.	D1	3.8.1.1 Action e	3.8.1.1 Action d	3.8.1 Action C
Allow slow loading of DG (in accordance with "manufacturer's recommendations") in all tests except LOOP tests.	H1	4.8.1.1.2.a.5	4.8.1.1.2.a.5	3.8.1.3 Note 1
Allow hot restart of DG even if 24-hour run has not been completed provided DG has been run for ≥ 2 hours or operating temperature has stabilized.	O2 (MNS only) T1 (CNS only)	4.8.1.1.2.e.8 4.8.1.1.2.e.8	4.8.1.1.2.g.15 4.8.1.1.2.g.15	3.8.1.15 Note 3.8.1.15 Note

GL 94-01	PROPOSED CHANGE (ATTACH. 3)	MNS SPEC (ATTACH. 2a)	CNS SPEC (ATTACH. 2b)	NEW STS
Change accelerated testing schedule for DG to once per 31 day schedule (provided maintenance rule is implemented)	F1	4.8.1.1.2.a	4.8.1.1.2.a	3.8.1.2 3.8.1.3 3.8.1.4 3.8.1.6 3.8.1.7
	F2	Table 4.8-1	Table 4.8-1	Table 3.8.1-1
Delete special reporting requirements for DG (provided maintenance rule is implemented)	U1	4.8.1.1.3	4.8.1.1.3	5.9.2

NUREG-1431, MORE STRINGENT	PROPOSED CHANGE (ATTACH. 3)	MNS SPEC (ATTACH. 2a)	CNS SPEC (ATTACH. 2b)	NEW STS
Require testing of remaining DG even if it was tested within previous 24 hours or is operating	B1	3.8.1.1 Action b	3.8.1.1 Action b	3.8.1 Action B 3.8.1 Action D
	C1 (MNS only)	3.8.1.1 Action d	3.8.1.1 Action c	3.8.1 Action B 3.8.1 Action D

NUREG-1431, LESS STRINGENT	PROPOSED CHANGE (ATTACH. 3)	MNS SPEC (ATTACH. 2a)	CNS SPEC (ATTACH. 2b)	NEW STS
Allow slow start of DG	G2	4.8.1.1.2.a.4	4.8.1.1.2.a.4	3.8.1.2
Allow a steady-state voltage and frequency to be verified instead of a minimum voltage and frequency within 11 seconds	G3 (MNS only)	4.8.1.1.2.a.4	4.8.1.1.2.a.4	3.8.1.2
Allow a power range instead of an absolute power for testing DG	H2 (MNS only) L2 (MNS only) O1 (MNS only)	4.8.1.1.2.a.5 4.8.1.1.2.e.3 4.8.1.1.2.e.8	4.8.1.1.2.a.5 4.8.1.1.2.g.3 4.8.1.1.2.g.7 4.8.1.1.2.g.15	3.8.1.3 3.8.1.10 3.8.1.14
Allow momentary excursions outside of the required load range without invalidating the DG test	H3	4.8.1.1.2.a.5	4.8.1.1.2.a.5	3.8.1.3 Note 2
Allow relocation of Diesel Fuel Oil properties to TS 6.8, Programs, and limits to licensee-controlled Diesel Fuel Oil Testing Program.	I1 J1 X1	4.8.1.1.2.c 4.8.1.1.2.d 6.8.4.h	4.8.1.1.2.e 4.8.1.1.2.f 6.8.4.h	3.8.3.3 3.8.3.3 5.7.2.17
Allow a minimum voltage instead of the nominal voltage to be verified within 11 seconds of an ESF actuation test signal	M1 (MNS only) O3 (MNS only)	4.8.1.1.2.e.5 4.8.1.1.2.e.8	4.8.1.1.2.g.5 4.8.1.1.2.g.7 4.8.1.1.2.g.15	3.8.1.12 3.8.1.14
Allow deletion of verification during RFO of auto-connected loads to each DG do not exceed 2-hour rating	P1	4.8.1.1.2.e.9	4.8.1.1.2.g.8	NONE

OTHER (TECHNICAL)	PROPOSED CHANGE (ATTACH. 3)	MNS SPEC (ATTACH. 2a)	CNS SPEC (ATTACH. 2b)	NEW STS
Allow air start testing to be done during PM activities	Q1 (MNS only)	4.8.1.1.2.e.15	NONE	NONE
Lower air tank pressure for DG start testing	Q2 (MNS only)	4.8.1.1.2.e.15	NONE	NONE
Allow one air tank for diesel start testing	Q4 (MNS only) W3 (MNS only)	4.8.1.1.2.e.15 B 3/4.8.1,2,3	NONE B 3/4.8.1,2,3	NONE
Allow "manufacturer's recommendations" to be "McGuire Engineering's recommendations"	W4 (MNS only)	B 3/4.8.1,2,3	B 3/4.8.1,2,3	

ADMINISTRATIVE	PROPOSED CHANGE (ATTACH. 3)	MNS SPEC (ATTACH. 2a)	CNS SPEC (ATTACH. 2b)	NEW STS
Changes due to deletion of DG testing when one or two offsite circuits are inoperable	A2	3.8.1.1 Action a	3.8.1.1. Action a	3.8.1 Action A
Change "A.C. Source" to "required offsite circuit"	B4	3.8.1.1 Action b	3.8.1.1 Action b	3.8.1 Action D
Delete footnote concerning definition of operability for DG	B5 (MNS only) C5 (MNS only) E1 (MNS only)	3.8.1.1 Action b 3.8.1.1 Action d 3.8.1.1 Action f	3.8.1.1 Action b 3.8.1.1 Action c 3.8.1.1 Action e	3.8.1 Action D 3.8.1 Action B 3.8.1 Action F
Refine Mode change requirement statement	B6 (CNS only) D2 (CNS only) E2 (CNS only)	3.8.1.1 Action b 3.8.1.1 Action e 3.8.1.1 Action f	3.8.1.1 Action b 3.8.1.1 Action d 3.8.1.1 Action e	3.8.1 Action D 3.8.1 Action C 3.8.1 Action E
Delete footnote concerning explanation of STAGGERED TEST BASIS	F3 (CNS only)	4.8.1.1.2.a	4.8.1.1.2.a	3.8.1.2 3.8.1.3 3.8.1.4 3.8.1.6 3.8.1.7
Change "ambient" to "standby (prelube)"	G1 Q3 (MNS only)	4.8.1.1.2.a.4 4.8.1.1.2.e.15	4.8.1.1.2.a.4 NONE	3.8.1.3 3.8.1.7 NONE

ADMINISTRATIVE (CONTINUED)	PROPOSED CHANGE (ATTACH. 3)	MNS SPEC (ATTACH. 2a)	CNS SPEC (ATTACH. 2b)	NEW STS
Incorporate "standby (prelube)" into current fast-start footnote	G4	4.8.1.1.2.a.4	4.8.1.1.2.a.4	3.8.1.3 3.8.1.7
Change relay nomenclature: "generator time overcurrent" to "generator voltage- controlled overcurrent"	N1 (MNS only)	4.8.1.1.2.e.6.c	4.8.1.1.2.g.6.c	3.8.1.13
Change rpm to Hz	Q5 (MNS only) R1 (MNS only)	4.8.1.1.2.e.15 4.8.1.1.2.f	NONE 4.8.1.1.2.h	NONE 3.8.1.20
Delete footnote concerning applicability of some of 18-month surveillances prior to entering Catawba's first RFOs	S1 (CNS only)	4.8.1.1.2.e	4.8.1.1.2.g.1 4.8.1.1.2.g.4 4.8.1.1.2.g.6.a 4.8.1.1.2.g.6.b 4.8.1.1.2.g.8 4.8.1.1.2.g.9 4.8.1.1.2.g.10	3.8.1.9 through 3.8.1.19
Delete reference to 4.8.1.1.3 "Reports" due to GL 94-01	V1	4.8.1.2	4.8.1.2	3.8.2.1
Delete reference to potential DG degradation due to excessive testing	W1	B 3/4.8.1,2,3	B 3/4.8.1,2,3	
Add reference to GL 93-05 and 94-01	W2	B 3/4.8.1,2,3	B 3/4.8.1,2,3	