Docket Nos.: 50-369 and 50-370

> Mr. H. B. Tucker, Vice President Nuclear Production Department Duke Power Company 422 South Church Street Charlotte, North Carolina 28242

Dear Mr. Tucker:

SUBJECT: ISSUANCE OF AMENDMENT NO.88 TO FACILITY OPERATING LICENSE NPF-9 AND AMENDMENT NO. 69 TO FACILITY OPERATING LICENSE NPF-17 - MCGUIRE NUCLEAR STATION, UNITS 1 AND 2 (TACS 64744/64745)

The Nuclear Regulatory Commission has issued the enclosed Amendment No. 88 to Facility Operating License NPF-9 and Amendment No. 69 to Facility Operating License NPF-17 for the McGuire Nuclear Station, Units 1 and 2. These amendments consist of changes to the Technical Specifications (TS) in response to your application dated February 17, 1987, as revised June 3, 1988. Other changes requested in the February 17, 1987, letter will be addressed in future correspondence.

The amendments change the Technical Specifications by updating the index and making other purely administrator changes. The amendments are effective as of their date of issuance.

A copy of the related safety evaluation supporting Amendment No.88 to Facility Operating License NPF-9 and Amendment No. 69 to Facility Operating License NPF-17 is enclosed.

Notice of issuance of amendments will be included in the Commission's next bi-weekly Federal Register notice.

Sincerely,

Original signed by:

Darl Hood, Project Manager Project Directorate II-3 Division of Reactor Projects I/II

Enclosures: 1. Amendment No. 88 to NPF-9 2. Amendment No. 69 to NPF-17

3. Safety Evaluation

cc w/enclosures: See next page

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Mr. H. B. Tucker Duke Power Company

cc: Mr. A.V. Carr, Esq. Duke Power Company P. O. Box 33189 422 South Church Street Charlotte, North Carolina 28242

County Manager of Mecklenburg County 720 East Fourth Street Charlotte, North Carolina 28202

Mr. Robert Gill Duke Power Company Nuclear Production Department P. O. Box 33189 Charlotte, North Carolina 28242

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Senior Resident Inspector c/o U.S. Nuclear Regulatory Commission Route 4, Box 529 Hunterville, North Carolina 28078

Regional Administrator, Region II U.S. Nuclear Regulatory Commission, 101 Marietta Street, N.W., Suite 2900 Atlanta, Georgia 30323

S. S. Kilborn Area Manager, Mid-South Area ESSD Projects Westinghouse Electric Corporation MNC West Tower - Bay 239 P. O. Box 355 Pittsburgh, Pennsylvania 15230 McGuire Nuclear Station

Dr. John M. Barry Department of Environmental Health Mecklenburg County 1200 Blythe Boulevard Charlotte, North Carolina 28203

Mr. Dayne H. Brown, Chief Radiation Protection Branch Division of Facility Services Department of Human Resources 701 Barbour Drive Raleigh, North Carolina 27603-2008 DATED: July 5, 1988

AMENDMENT NO. 88 TO FACILITY OPERATING LICENSE NPF-9 - McGuire Nuclear Station, Unit 1 AMENDMENT NO. 69 TO FACILITY OPERATING LICENSE NPF-17 - McGuire Nuclear Station, Unit 2 DISTRIBUTION: Docket File NRC PDR Local PDR PD#II-3 R/F McGuire R/F S. Varga 14E-4 G. Lainas 14H-3 D. Matthews M. Rood D. Hood OGC-WF 15B-18 B. Grimes 9A-2 E. Jordan MNBB-3302 W. Jones P-130A T. Barnhart (8) P1-137 H-1016 ACRS (10) GPA/PA 17F-2 ARM/LFMB AR-2015 E. Butcher 11D-3 MNBB 3302 D. Hagan



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UNITED STATES NUCLEAR REGULATORY COMMISSION WASHINGTON, D. C. 20555

DUKE POWER COMPANY

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DOCKET NO. 50-369

MCGUIRE NUCLEAR STATION, UNIT 1

AMENDMENT TO FACILITY OPERATING LICENSE

Amendment No. ⁸⁸ License No. NPF-9

- 1. The Nuclear Regulatory Commission (the Commission) has found that:
 - A. The application for amendment to the McGuire Nuclear Station, Unit 1 (the facility) Facility Operating License No. NPF-9 filed by the Duke Power Company (the licensee) dated February 17, 1987, as revised June 3, 1988, complies with the standards and requirements of the Atomic Energy Act of 1954, as amended (the Act)and the Commission's rules and regulations as set forth in 10 CFR Chapter I;
 - B. The facility will operate in conformity with the application, as amended, the provisions of the Act, and the rules and regulations of the Commission;
 - C. There is reasonable assurance (i) that the activities authorized by this amendment can be conducted without endangering the health and safety of the public, and (ii) that such activities will be conducted in compliance with the Commission's regulations set forth in 10 CFR Chapter I;
 - D. The issuance of this amendment will not be inimical to the common defense and security or to the health and safety of the public; and
 - E. The issuance of this amendment is in accordance with 10 CFR Part 51 of the Commission's regulations and all applicable requirements have been satisfied.

- Accordingly, the license is hereby amended by page changes to the Technical Specifications as indicated in the attachments to this license amendment, and Paragraph 2.C.(2) of Facility Operating License No. NPF-9 is hereby amended to read as follows:
 - (2) Technical Specifications

The Technical Specifications contained in Appendix A, as revised through Amendment No. 88, are hereby incorporated into the license. The licensee shall operate the facility in accordance with the Technical Specifications and the Environmental Protection Plan.

3. This license amendment is effective as of its date of issuance.

FOR THE NUCLEAR REGULATORY COMMISSION

Original signed by:

David B. Matthews, Director Project Directorate II-3 Division of Reactor Projects-I/II

Attachment: Technical Specification Changes

Date of Issuance: July 5, 1988

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UNITED STATES NUCLEAR REGULATORY COMMISSION WASHINGTON, D. C. 20555

DUKE POWER COMPANY

DOCKET NO. 50-370

MCGUIRE NUCLEAR STATION, UNIT 2

AMENDMENT TO FACILITY OPERATING LICENSE

Amendment No. 69 License No. NPF-17

- 1. The Nuclear Regulatory Commission (the Commission) has found that:
 - A. The application for amendment to the McGuire Nuclear Station, Unit 2 (the facility) Facility Operating License No. NPF-17 filed by the Duke Power Company (the licensee) dated February 17, 1987, as revised June 3, 1988, complies with the standards and requirements of the Atomic Energy Act of 1954, as amended (the Act) and the Commission's rules and regulations as set forth in 10 CFR Chapter I;
 - B. The facility will operate in conformity with the application, as amended, the provisions of the Act, and the rules and regulations of the Commission;
 - C. There is reasonable assurance (i) that the activities authorized by this amendment can be conducted without endangering the health and safety of the public, and (ii) that such activities will be conducted in compliance with the Commission's regulations set forth in 10 CFR Chapter I;
 - D. The issuance of this amendment will not be inimical to the common defense and security or to the health and safety of the public; and
 - E. The issuance of this amendment is in accordance with 10 CFR Part 51 of the Commission's regulations and all applicable requirements have been satisfied.

- Accordingly, the license is hereby amended by page changes to the Technical Specifications as indicated in the attachments to this license amendment, and Paragraph 2.C.(2) of Facility Operating License No. NPF-17 is hereby amended to read as follows:
 - (2) Technical Specifications

The Technical Specifications contained in Appendix A, as revised through Amendment No. 69, are hereby incorporated into the license. The licensee shall operate the facility in accordance with the Technical Specifications and the Environmental Protection Plan.

3. This license amendment is effective as of its date of issuance.

FOR THE NUCLEAR REGULATORY COMMISSION

Original signed by:

David B. Matthews, Director Project Directorate II-3 Division of Reactor Projects-I/II

Attachment: Technical Specification Changes

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Date of Issuance: July 5, 1988

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ATTACHMENT TO LICENSE AMENDMENT NO.

FACILITY OPERATING LICENSE NO. NPF-9

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DOCKET NO. 50-369

AND

TO LICENSE AMENDMENT NO.

FACILITY OPERATING LICENSE NO. NPF-17

DOCKET NO. 50-370

Replace the following pages of the Appendix "A" Technical Specifications with the enclosed pages. The revised pages are identified by Amendment number and contain vertical lines indicating the areas of change. The corresponding overleaf pages are also provided to maintain document completeness.

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REACTIVITY CONTROL SYSTEMS

CONTROL ROD INSERTION LIMITS

LIMITING CONDITION FOR OPERATION

3.1.3.6 The control banks shall be limited in physical insertion as shown in Figure 3.1-1.

APPLICABILITY: MODES 1* and 2*#.

ACTION:

With the control banks inserted beyond the above insertion limits, except for surveillance testing pursuant to Specification 4.1.3.1.2:

- a. Restore the control banks to within the limits within 2 hours, or
- b. Reduce THERMAL POWER within 2 hours to less than or equal to that fraction of RATED THERMAL POWER which is allowed by the bank position using the above figures, or
- c. Be in at least HOT STANDBY within 6 hours.

SURVEILLANCE REQUIREMENTS

4.1.3.6 The position of each control bank shall be determined to be within the insertion limits at least once per 12 hours except during time intervals when the Rod Insertion Limit Monitor is inoperable, then verify the individual rod positions at least once per 4 hours.

*See Special Test Exceptions 3.10.2 and 3.10.3. #With K_{eff} greater than or equal to 1.0.

TABLE 4.3-1 (Continued)

TABLE NOTATION

- With the Reactor Trip System breakers closed and the Control Rod Drive System capable of rod withdrawal.
- ## Below P-6 (Intermediate Range Neutron Flux Interlock) Setpoint.
- ### Below P-10 (Low Setpoint Power Range Neutron Flux Interlock) Setpoint.
- (1) If not performed in previous 7 days.
- (2) Comparison of calorimetric to excore power indication above 15% of RATED THERMAL POWER. Adjust excore channel gains consistent with calorimetric power if absolute difference is greater than 2%. The provisions of Specification 4.0.4 are not applicable for entry into MODE 2 or 1.
- (3) Single point comparison of incore to excore axial flux difference above 15% of RATED THERMAL POWER. Recalibrate if the absolute difference is greater than or equal to 3%. The provisions of Specification 4.0.4 are not applicable for entry into MODE 2 or 1.
- (4) Neutron detectors may be excluded from CHANNEL CALIBRATION.
- (5) Detector plateau curves shall be obtained, evaluated, and compared to manufacturer's data. For the Intermediate Range and Power Range Neutron Flux channels the provisions of Specification 4.0.4 are not applicable for entry into MODE 2 or 1.
- (6) Incore Excore Calibration, above 75% of RATED THERMAL POWER. The provisions of Specification 4.0.4 are not applicable for entry into MODE 2 or 1.
- (7) Each train shall be tested at least every 62 days on a STAGGERED TEST BASIS.
- (8) With power greater than or equal to the interlock Setpoint the required operational test shall consist of verifying that the interlock is in the required state by observing the permissive annunciator window.
- (9) Monthly surveillance in MODES 3*, 4* and 5* shall also include verification that permissives P-6 and P-10 are in their required state for existing plant conditions by observation of the permissive annunciator window. Monthly surveillance shall include verification of the High Flux at Shutdown Alarm Setpoint of less than or equal to five times background.
- (10) Setpoint verification is not required.

McGUIRE - UNITS 1 and 2	3/4 3-14
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M		TABLE 3.3-3 (Continued)												
GUIRE					ENGINEERE) SAFET	Y FEATU	RES ACTU	ATION SY	STEM INS	TRUM	IENTAT	<u>10n</u>	
- UNITS	FUNC	TION	AL UN	IT		TOTAL OF_CHAI	NO. NNELS	CHANNE TO TRI	LS P	MINIMUM CHANNEL OPERABL	SA E	PPLIC MOD	ABLE ES	ACTION
1 AN	7.	Aux	iliar	y Feedwat	er									
10 2		a.	Manu	al Initia	tion	2		1		2		1, 2	, 3	22
3/4 3-21		b.	Auto and	matic Act Actuatior	cuation Logic Relays	2		1		2		1, 2	, 3	21
		C.	Stm. Low-	Gen. Wat Low	er Level-									
			1)	Start Mo Driven F	otor- Pumps	4/stm.	gen.	2/stm. in any ting s	gen. opera- tm gen.	3/stm. in each operati stm. ge	gen. ng n.	1,	2,3	19
Amendment No. 88			2)	Start Tu Driven F	urbine- Pump	4/stm.	gen.	2/stm. in any 2 opera stm. g	gen. ating en.	3/stm. in each operati stm. ge	gen ng n	1,	2, 3	19
		d.	Auxi Suct (Suc Real	liary Fee ion Press tion Supp ignment)	edwater Sure - Low Dy Automatic	2/pump		2/pump		2/pump		1,	2, 3	24
(Unit 1		e.	Safe Star	ty Inject t Motor-E	ion)riven Pumps									

See Item 1. above for all Safety Injection initiating functions and requirements

Amendment No. 88 (Unit 1) Amendment No. 69 (Unit 2)

TABLE 3.3-3 (Continued)

ENGINEERED SAFETY FEATURES ACTUATION SYSTEM INSTRUMENTATION

FUNC	TIONAL UNIT		TOTAL NO. OF CHANNELS	CHANNELS TO TRIP	MINIMUM CHANNELS OPERABLE	APPLICABLE MODES	ACTION
7.	Auxiliary Fe	edwater (continue	ed)				
	f. Station Start Mo and Turb	Blackout tor-Driven Pumps ine-Driven Pump All Main	6-3/Bus	2/Bus Either Bus	2/Bus	1, 2, 3	19*
	g. Freedwate Start Mo Driven P	r Pumps tor- umps	2/pump]∕pump	1∕pump	1, 2 [#]	14
8.	Automatic Sw Recirculatio	itchover to n					
	RWST Le	vel	3	2	2	1, 2, 3	15*
9.	Loss of Powe	r					
	4 kV Em Undervo Degrade	ergency Bus ltage-Grid d Voltage	3/Bus	2/Bus	2/Bus	1, 2, 3, 4	15*
10.	Engineered S Actuation Sy	afety Features stem Interlocks					
	a. Pressur P-11	izer Pressure,	3	2	2	1, 2, 3	20
	b. Low-Low	T _{avo} , P-12	4	2	3	1, 2, 3	20
	c. Reactor	Trip, P-4	2	2	2	1, 2, 3	22
	d. Steam G Level,	enerator P-14	3/stm gen.	2/stm gen. in any operating stm gen.	2/stm gen. in each operating stm gen.	1, 2, 3	20

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3/4 3-22

Mo		TABLE 4.3-2 (Continued)										
GUIRE			EN	GINEERED	SAFETY FEATUR SURVEIL	ES ACTUATION LANCE REQUIRE	SYSTEM INSTRUM MENTS	MENTATION				
- UNITS 1 AND 2	FUNC	<u>T10</u>	CHANNEL CHANNEL CONAL UNIT CHECK CALIBRATION		ANALOG CHANNEL OPERATIONAL TEST	TRIP ACTUATING DEVICE OPERATIONAL TEST	ACTUATION LOGIC TEST	MASTER SLAVE RELAY RELAY TEST TEST		MODES FOR WHICH SURVEILLANCE IS REQUIRED		
	10.	Engineered Safety Features Actuation System Interlocks									(
		a.	Pressurizer Pressure, P-11	N.A.	R	м	N.A.	N.A.	N.A.	N.A.	1, 2, 3	
<i></i>	:	b.	Low, Low T _{avg} , P-12	N.A.	N.A.	N.A.	R	N.A.	N.A.	N.A.	1, 2, 3	
1/4 3		c.	Reactor Trip, P-4	N.A.	R	м	N.A.	N.A.	N.A.	N.A.	1, 2, 3	
3-38		d.	Steam Generator Level, P-14	S	R	M	N. A.	M(1)	M(1)	Q	1, 2, 3	

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Amendment No. 88 (Unit 1) Amendment No. 69 (Unit 2)

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IRE			REQUIRED	MINIMUM
I	тист	DIMENT		CHANNELS
⊆	11131		CHANNELS	UPERABLE
f.	1.	Containment Pressure	2	1
S	2.	Reactor Coolant Temperature - $T_{\mu o \tau}$ and T_{coup} (Wide Range)	2	1
Ц	3.	Reactor Coolant Pressure - Wide Range	2	1
Ą	4.	Pressurizer Water Level	2	1
8	5.	Steam Line Pressure	2/steam generator	1/steam generator
N	6.	Steam Generator Water Level - Narrow Range	2/steam generator	1/steam generator
	7.	Refueling Water Storage Tank Water Level	2	1 -
	8.	Auxiliary Feedater Flow Rate	2/steam generator	1/steam generator
	9.	Reactor Coolant System Subcooling Margin Monitor	2***	1
	10.	PORV Position Indicator*	2/valve	1/valve
	11.	PORV Block Valve Position Indicator**	1/valve	l/valve
3/	12.	Safety Valve Position Indicator	2/valve	1/valve
4	13.	Containment Water Level (Wide Range)	2	1
μ	14.	In Core Thermocouples	4/core quadrant	2/core quadrant
56	15.	Unit Vent - High Range Noble Gas Monitor	1	1
	30	(High-High Range - EMF-36)		
	16.	Steam Relief - High Range Monitor	l/steam line	1/steam line
		(Unit 1 - EMF-24, 25, 26, 27)		
	17	(Unit 2 - EMF-10, 11, 12, 13)	-	
	1/.	(11 5 51, 51)	1	1
⊳		(11 F-51a or 51D)		
me	10			
Dd	18.	Reactor vessel Level Instrumentation	•	_
me		a. Dynamic read (D/P) Kange	Z	1
nt		D. LOWER Range	Z	T

TABLE 3.3-10 ACCIDENT MONITORING INSTRUMENTATION

*Not applicable if the associated block valve is in the closed position.

**Not applicable if the associated block valve is in the closed position and power is removed.

Only one channel per unit is required until the end of the first refueling outage following 1/86 for each unit. *Not applicable until the beginning of Cycle 4 for Unit 1 and Cycle 3 for Unit 2.

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Amendment No. 88 (Unit Amendment No. 69 (Unit

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McC	ACCIDENT MONITORING INSTRUMENTATION SURVEILLANCE REQUIREMENTS								
JUIRE	INST	RUMENT	CHANNEL CHECK	CHANNEL CALIBRATION					
- UNITS	1.	Containment Pressure	м	R					
	2.	Reactor Coolant Temperature - T_{HOT} and T_{COLD} (Wide Range)	М	R					
سو	3.	Reactor Coolant Pressure - Wide Range	М	R					
ANC	4.	Pressurizer Water Level	М	R					
2	5.	Steam Line Pressure	M	R					
	6.	Steam Generator Water Level - Narrow Range	M	R					
	7.	Refueling Water Storage Tank Water Level	M	R					
	8.	Auxiliary Feedwater Flow Rate	М	R					
	9.	Reactor Coolant System Subcooling Margin Monitor	М	R					
3/4	10.	PORV Position Indicator	М	R					
μ	11.	PORV Block Valve Position Indicator	м	R					
57	12.	Safety Valve Position Indicator	М	R					
	13.	Containment Water Level (Wide Range)	М	R					
	14.	In Core Thermocouples	М	R					
Ame	15.	Unit Vent - High Range Noble Gas Monitor (High-High Range - EMF-36)	М	R					
endment	16.	Steam Relief - High Range Monitor (Unit 1 - EMF-24, 25, 26, 27) (Unit 2 - EMF-10, 11, 12, 13)	М	R					
NO.	17.	Containment Atmosphere - High Range Monitor (EMF-51a or 51b)	М	R					
88 (Unit	18.	Reactor Vessel Level Instrumentation a. Dynamic Head (D/P) Range b. Lower Range	M M	R R					

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TABLE 4.3-7 ACCIDENT MONITORING INSTRUMENTATION SURVEILLANCE REQUIREMENTS

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TABLE 3.6-2

CONTAINMENT ISOLATION VALVES

MAXIMUM ISOLATION TIME (SEC)

MCGUIRE - UNITS 1 VALVE NUMBER FUNCTION Phase "A" Isolation

AND 2	BB-1B# BB-2B# BB-3B# BB-4B# BB-5A# BB-6A# BB-7A# BB-8A#	Steam Generator A Blowdown Containment Outside Isolation Steam Generator B Blowdown Containment Outside Isolation Steam Generator C Blowdown Containment Outside Isolation Steam Generator D Blowdown Containment Outside Isolation Steam Generator A Blowdown Containment Inside Isolation Steam Generator B Blowdown Containment Inside Isolation Steam Generator C Blowdown Containment Inside Isolation Steam Generator C Blowdown Containment Inside Isolation Steam Generator D Blowdown Containment Inside Isolation	<10 <10 <10 <10 <10 <10 <10 <10 <10
y,			-
4	CF-26AB#	Steam Generator D Feedwater Containment Isolation	<5
ရှ	CF-28AB#	Steam Generator C Feedwater Containment Isolation	<u><</u> 5
Ň	CF-30AB#	Steam Generator B Feedwater Containment Isolation	<u><</u> 5
-+	CF-35AB#	Steam Generator A Feedwater Containment Isolation	<u><</u> 5
	CF-126B	Steam Generator A Main Feedwater to Auxiliary Feedwater Nozzle Isolation	<u><</u> 10
	CF-127B	Steam Generator B Main Feedwater to Auxiliary Feedwater Nozzle Isolation	<u><</u> 10
Ame Ame	CF-128B	Steam Generator C Main Feedwater to Auxiliary Feedwater Nozzle Isolation	<u><</u> 10
ndme ndme	CF-129B	Steam Generator D Main Feedwater to Auxiliary Feedwater Nozzle Isolation	<u><</u> 10
55 tt	CF-134A	Steam Generator A Feedwater Containment Isolation Bypass	<10
Z Z	CF-135A	Steam Generator B Feedwater Containment Isolation Bypass	₹10
<u>o</u> <u>o</u>	CF-136A	Steam Generator C Feedwater Containment Isolation Bypass	<10
σα	CF-137A	Steam Generator D Feedwater Containment Isolation Bypass	₹10
9 00	CF-1518	Auxiliary Nozzle Temper SG A	<u></u>
	··· ···	Hartifuly Hollie temper ou h	

(Unit 1) (Unit 2)

z		TABLE 3.6-2 (Continued)		
CGUI		CONTAINMENT ISOLATION VALVES		
R I			MAXIMUM	
	VE NUMBER	FUNCTION	TIME (SEC)	
5 1.	Phase "A"	Isolation (continued)		
AND 2	CF-153B CF-155B CF-157B	Auxiliary Nozzle Temper SG B Auxiliary Nozzle Temper SG C Auxiliary Nozzle Temper SG D	<10 <10 <10	l
3/4 6-2	KC-305B# KC-315B# KC-320A KC-332B KC-333A KC-429B KC-430A	Excess Letdown Hx Supply Pent. Isolation Outside Excess Letdown Hx Ret. Hdr. Pent. Isolation Outside NCDT Hx Supply Hdr. Pent. Isolation Outside NCDT Hx Supply Hdr. Pent. Isolation Inside NCDT Hx Return Hdr. Pent. Isolation Outside RB Drain Header Inside Containment Isolation RB Drain Header Outside Containment Isolation	<30 <30 <15 <15 <15 <15 <15 <15 <15	
ຜິ	NB-260B	Reactor Makeup Water Tank to NV System	<u><</u> 15	
	NC-53B	Nitrogen to Pressurizer Relief Tank Containment Isolation Outside	<u><</u> 10	
Ą	NC-54A	Nitrogen to Pressurizer Relief Tank Containment Isolation Inside	<u><</u> 10	
endment	NC-56B NC-195B NC-196A	PRT Makeup NC Pump Motor Oil Containment Isolation Outside NC Pump Motor Oil Containment Isolation Inside	<10 <15 <15	
No.	NF-228A	Air Handling Units Glycol Supply Containment Isolation Outside	<u><</u> 15	
88	NF-233B	Air Handling Units Glycol Supply Containment Isolation Inside	<u><</u> 15	
(Unit	NF-234A	Air Handling Units Glycol Supply Containment Isolation Outside	<u><</u> 15	
1)	NI-47A	Accumulator Nitrogen Supply Outside Containment Isolation	<u><</u> 15	
	NI-95A	Test HDR Inside Containment Isolation	<u><</u> 10	

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Amendment No. 69 (Unit 2)

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UNITED STATES NUCLEAR REGULATORY COMMISSION WASHINGTON, D. C. 20555

SAFETY EVALUATION BY THE OFFICE OF NUCLEAR REACTOR REGULATION

RELATED TO AMENDMENT NO. 88 TO FACILITY OPERATING LICENSE NPF-9

AND AMENDMENT NO. 69 TO FACILITY OPERATING LICENSE NPF-17

DUKE POWER COMPANY

DOCKET NOS. 50-369 AND 50-370

MCGUIRE NUCLEAR STATION, UNITS 1 AND 2

INTRODUCTION

By letter dated February 17, 1987, and revised June 3, 1988, Duke Power Company (the licensee) proposed amendments to make several changes to the McGuire Technical Specifications (TS). The changes, in part, are:

(1) The TS Index is updated to achieve consistency with changes authorized by the Commission by prior amendments.

(2) Reference to Figure 3.1-2, which had been left blank pending NRC approval of three-loop operation, is deleted from TS 3.1.3.6 for consistency with TS 3.4.1.1 which prohibits part-loop operation, and because (as noted during prior Amendments 65 and 46) no NRC approval of three-loop operation is pending.

(3) In the Table Notation for TS Table 4.3.1, Item (9), the term "Boron Dilution Alarm" is changed to "High Flux at Shutdown Alarm." This is a change in nomenclature only, to provide for consistency with plant terminology.

(4) In Table 3.3-3, Item 7.e, the left-hand margin of the statement "See Item 1 above for all safety injection initiating functions and requirements" is shifted to the right in order to clarify that the statement applies only to Item 7.e and not to the entire page on which it appears. This change therefore corrects an error in the location of the statement.

(5) The positions of Items 10.b and 10.c in TS Surveillance Table 4.3-2 are exchanged for consistency with their order in the corresponding LCO Tables 3.3-3 and 3.3-4.

(6) Under Item 18 "Reactor Vessel Level Instrumentation" of both TS Tables 3.3-10 and 4.3-7, the term "Wide Range" is renamed "Dynamic Head (D/P) Range," and the term "Narrow Range" is renamed "Lower Range." These are changes in nomenclature only and provide for consistency with plant terminology. Also, two obsolete footnotes for Table 3.3-10 (which applied only until the end of the first refueling outage following 1/86 for each unit, or until the beginning of Cycle 4 for Unit 1 and Cycle 3 for Unit 2) are deleted.

8807130256 880705 PDR ADOCK 05000369 P PDC (7) Erroneous valve train designations in TS Table 3.6-2 resulting from typographical error (i.e., designations for valve CF-153 rather than Valve CF-135) associated with previous Amendments 63 and 44 are corrected.

Because the June 3, 1988, submittal clarified certain aspects of the original request, the substance of the changes noticed in the <u>Federal</u> <u>Register</u> and the proposed no significant hazards determination were not affected.

Other changes in the licensee's submittal will be handled separately.

EVALUATION

The staff has reviewed the licensee's proposed changes, noted above, and finds that they are purely administrative. Each of these changes is made to achieve consistency, correct an error or change nomenclature. These changes have no adverse impact upon safety and are, therefore, acceptable.

ENVIRONMENTAL CONSIDERATION

These amendments relate to changes in recordkeeping, reporting or administrative procedures or requirements. Accordingly, the amendments meet the eligibility criteria for categorical exclusion set forth in 10 CFR 51.22(c)(10). Pursuant to 10 CFR 51.22(b) no environmental impact statement or environmental assessment need be prepared in connection with the issuance of these amendments.

CONCLUSION

The Commission made a proposed determination that the amendments involve no significant hazards consideration which was published in the Federal Register (52 FR 9566) on March 25, 1987. The Commission consulted with the state of North Carolina. No public comments were received, and the state of North Carolina did not have any comments.

We have concluded, based on the considerations discussed above, that: (1) there is reasonable assurance that the health and safety of the public will not be endangered by operation in the proposed manner, and (2) such activities will be conducted in compliance with the Commission's regulations, and the issuance of these amendments will not be inimical to the common defense and security or to the health and safety of the public.

Principal Contributor: D. Hood, PD#II-3/DRP-I/II

Dated:

UNITED STATES NUCLEAR REGULATORY COMMISSION WASHINGTON, D. C. 20555

July 5, 1988

Docket No. 50-369 50-370

NUCLEAR REGUL

MEMORANDUM FOR: Sholly Coordinator

FROM: Darl S. Hood, Project Manager Project Directorate II-3 Division of Reactor Projects-I/II

SUBJECT: REQUEST FOR PUBLICATION IN BIWEEKLY FR NOTICE - NOTICE OF ISSUANCE OF AMENDMENT TO FACILITY OPERATING LICENSE (TACs 64744/64745)

Duke Power Company, Docket Nos. 50-369 and 50-370, McGuire Nuclear Station,

Units 1 and 2, Mecklenburg County, North Carolina

Date of application for amendments: February 17, 1987, as revised June 3, 1988

Brief description of amendments: The amendments changed the Technical

Specifications by updating the index and making other purely administrative changes.

Date of issuance: July 5, 1988

Effective date: July 5, 1988

Amendment Nos.: 88 and 69

Facility Operating License Nos. NPF-9 and NPF-17: Amendments revised the Technical Specifications.

<u>Date of initial notice in FEDERAL REGISTER</u>: March 25, 1987 (52 FR 9566) The supplemental letter did not change the initial proposed no significant hazards consideration determination.

The Commission's related evaluation of the amendments is contained in a Safety Evaluation dated July 5, 1988.

No significant hazards consideration comments received: No.



Sholly Coordinator

Local Public Document Room location: Atkins Library, University of North Carolina, Charlotte (UNCC Station), North Carolina 28223

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Original signed by:

Darl S. Hood, Project Manager Project Directorate II-3 Division of Reactor Projects-I/II

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