UNITED STATES
NUCLEAR REGULATORY COMMISSION
WASHINGTON, D.C. 20555-0001

DUKE POWER COMPANY

NORTH CAROLINA ELECTRIC MEMBERSHIP CORPORATION

SALUDA RIVER ELECTRIC COOPERATIVE, INC.

DOCKET NO. 50-413

CATAWBA NUCLEAR STATION, UNIT 1

AMENDMENT TO FACILITY OPERATING LICENSE

Amendment No.143
License No. NPF-35

1. The Nuclear Regulatory Commission (the Commission) has found that:

   A. The application for amendment to the Catawba Nuclear Station, Unit 1 (the facility) Facility Operating License No. NPF-35 filed by the Duke Power Company, acting for itself, North Carolina Electric Membership Corporation and Saluda River Electric Cooperative, Inc. (licensees), dated January 11, 1996, as supplemented by letter dated April 2, 1996, 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, 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.

2. Accordingly, the license is hereby amended by page changes to the Technical Specifications as indicated in the attachment to this license amendment, and Paragraph 2.C.(2) of Facility Operating License No. NPF-35 is hereby amended to read as follows:

   Technical Specifications

   The Technical Specifications contained in Appendix A, as revised through Amendment No. 143 , and the Environmental Protection Plan contained in Appendix B, both of which are attached hereto, are hereby incorporated into this license. Duke Power Company 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 and shall be implemented within 30 days from the date of issuance.

FOR THE NUCLEAR REGULATORY COMMISSION

Herbert N. Berkow, Director
Project Directorate II-2
Division of Reactor Projects - I/II
Office of Nuclear Reactor Regulation

Attachment:
Technical Specification
Changes

Date of Issuance: April 23, 1996

UNITED STATES
NUCLEAR REGULATORY COMMISSION
WASHINGTON, D.C. 20555-0001

DUKE POWER COMPANY

NORTH CAROLINA MUNICIPAL POWER AGENCY NO. 1

PIEDMONT MUNICIPAL POWER AGENCY

DOCKET NO. 50-414

CATAWBA NUCLEAR STATION, UNIT 2

AMENDMENT TO FACILITY OPERATING LICENSE

Amendment No. 137
License No. NPF-52

1. The Nuclear Regulatory Commission (the Commission) has found that:

A. The application for amendment to the Catawba Nuclear Station, Unit 2 (the facility) Facility Operating License No. NPF-52 filed by the Duke Power Company, acting for itself, North Carolina Municipal Power Agency No. 1 and Piedmont Municipal Power Agency (licensees), dated January 11, 1996, as supplemented by letter dated April 2, 1996, 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, 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.

2. Accordingly, the license is hereby amended by page changes to the Technical Specifications as indicated in the attachment to this license amendment, and Paragraph 2.C.(2) of Facility Operating License No. NPF-52 is hereby amended to read as follows:

   Technical Specifications

   The Technical Specifications contained in Appendix A, as revised through Amendment No. 137 , and the Environmental Protection Plan contained in Appendix B, both of which are attached hereto, are hereby incorporated into this license. Duke Power Company 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 and shall be implemented within 30 days from the date of issuance.

FOR THE NUCLEAR REGULATORY COMMISSION

Herbert N. Berkow, Director
Project Directorate II-2
Division of Reactor Projects - I/II
Office of Nuclear Reactor Regulation

Attachment:
Technical Specification
Changes

Date of Issuance: April 23, 1996

ATTACHMENT TO LICENSE AMENDMENT NO. 143

FACILITY OPERATING LICENSE NO. NPF-35

DOCKET NO. 50-413

AND

TO LICENSE AMENDMENT NO. 137

FACILITY OPERATING LICENSE NO. NPF-52

DOCKET NO. 50-414

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.

Remove Pages	Insert Pages
3/4 6-6	3/4 6-6
3/4 6-7	3/4 6-7
3/4 6-27	3/4 6-27
3/4 6-29	3/4 6-29
3/4 6-35	3/4 6-35
3/4 6-37	3/4 6-37

TABLE 3.6-1 (Continued)

SECONDARY CONTAINMENT BYPASS LEAKAGE PATHS

PENETRATION NUMBER	SERVICE	RELEASE LOCATION	TEST TYPE
M323	Component Cooling to Component Cooling Drain Sump	Auxiliary Building	Type C
M240	Nuclear Service Water to Reactor Coolant Pump and Lower Cont. Vent. Units	Auxiliary Building	Type C
M230	Nuclear Service Water From Reactor Coolant Pump and Lower Cont. Vent. Units	Auxiliary Building	Type C
M385	Nuclear Service Water to Upper Containment Ventilation Units In	Turbine Building	Type C
M308 #	Nuclear Service Water to Upper Containment Ventilation Units Out	Turbine Building	Type C
M213	Incore Instrumentation Room Purge In	Auxiliary Building	Type C
M140	Incore Instrumentation Room Purge Out	Auxiliary Building	Type C
M456	Upper Compartment Purge Inlet	Auxiliary Building	Type C
M432	Upper Compartment Purge Inlet	Auxiliary Building	Type C
M357	Lower Compartment Purge Inlet	Auxiliary Building	Type C
M368	Containment Purge Exhaust	Auxiliary Building	Type C
M433	Containment Purge Exhaust	Auxiliary Building	Type C
M434	Lower Compartment Purge Inlet	Auxiliary Building	Type C

Amendment No. 143 (Unit 1)
Amendment No. 137 (Unit 2)

TABLE 3.6-1 (Continued)
SECONDARY CONTAINMENT BYPASS LEAKAGE PATHS

PENETRATION NUMBER	SERVICE	RELEASE LOCATION	TEST TYPE	
M386	Containment Air Release	Auxiliary Building	Type C	
M204	Containment Air Addition	Auxiliary Building	Type C	
M316	Int. Fire Protection Header - Hose Racks	Auxiliary Building	Type C	
M337	Demineralized Water	Auxiliary Building	Type C	
M220	Instrument Air	Auxiliary Building	Type C	
M219	Station Air	Auxiliary Building	Type C	
M215	Breathing Air	Auxiliary Building	Type C	
M329	Reactor Coolant Pump Motor Oil Fill	Auxiliary Building	Type C	
M361	Int. Fire Protection Header - Sprinklers	Auxiliary Building	Type C	
M119	Containment Purge Exhaust	Auxiliary Building	Type C	
M331	Nitrogen Supply to Cold Leg Accumulators	Auxiliary Building	Type C	
M322	Safety Injection Test Line	Auxiliary Building	Type C	
M454	UHI Test Line	Auxiliary Building	Type C	} Note 1
M328*	Component Cooling to Reactor Vessel Support and RCP Coolers	Auxiliary Building	Type C	

*Not applicable for Unit 1 until after the first refueling outage.
#Not applicable for Unit 1 after refueling outage 1EOC9. Not applicable for Unit 2 after refueling outage 2EOC8.
Note 1: Upon capping of penetrations associated with deletion of UHI, this specification is no longer applicable.

TABLE 3.6-2a (Continued)

CONTAINMENT ISOLATION VALVES

VALVE NUMBER	FUNCTION	MAXIMUM ISOLATION TIME (s)
2. Phase "B" Isolation (Continued)		
RN-437B	Supply to NC Pumps and LCVU Supply Outside Containment Isolation	≤ 60
RN-484A	Return from NC Pumps and LCVU Return Inside Containment Isolation	≤ 60
RN-487A	Return from NC Pumps and LCVU Return Outside Containment Isolation	≤ 60
RN-404B	Supply to Upper Containment Supply Ventilation Units Containment Isolation (Outside)	≤ 10
RN-429A ##	Return from Upper Containment Ventilation Units Containment Isolation (Inside)	≤ 10
RN-432B ##	Return from Upper Containment Ventilation Units Containment Isolation (Outside)	≤ 10
VI-77B	Instrument Air Containment Outside Isolation	≤ 10
SM-1 #	Main Steam 1D Isolation	NA
SM-3 #	Main Steam 1C Isolation	NA
SM-5 #	Main Steam 1B Isolation	NA
SM-7 #	Main Steam 1A Isolation	NA
SM-9 #	Main Steam 1D Isolation Bypass Ctrl.	NA
SM-10 #	Main Steam 1C Isolation Bypass Ctrl.	NA
SM-11 #	Main Steam 1B Isolation Bypass Ctrl.	NA
SM-12 #	Main Steam 1A Isolation Bypass Ctrl.	NA
SV-19 #	Main Steam 1A PORV	NA
SV-13 #	Main Steam 1B PORV	NA
SV-7 #	Main Steam 1C PORV	NA
SV-1 #	Main Steam 1D PORV	NA
WL-867A**	Containment Vent Unit Drains Inside Containment Isolation	≤ 10
WL-869B**	Containment Vent Unit Drains Outside Containment Isolation	≤ 10

TABLE 3.6-2a (Continued)

UNIT 1 CONTAINMENT ISOLATION VALVES

VALVE NUMBER	FUNCTION	MAXIMUM ISOLATION TIME (s)
3. Manual (Continued)		
SM-103#	Main Steam 1C	NA
SM-119#	Main Steam 1C	NA
SM-141#	Main Steam 1C	NA
SA-4#	Main Steam 1C	NA
SM-19#	Main Steam 1D	NA
SM-70#*	Main Steam 1D	NA
SM-102#	Main Steam 1D	NA
SM-118#	Main Steam 1D	NA
SM-140#	Main Steam 1D	NA
WE-20*	Cont Bldg Supply Isol	NA
WE-22*	Cont Bldg Supply Isol	NA
WE-56*	Cont Bldg Supply Isol	NA
FW-4*	Refueling Water	NA
NV-862#*	Pressurizer Auxiliary Spray ND Outside Containment	NA
WLA-21#*	Steam Generator Drain Pump Discharge Outside Containment Isolation	NA
WLA-24#*	Steam Generator Drain Pump Discharge Outside Containment Isolation	NA

TABLE NOTATIONS

* May be opened on an intermittent basis under administrative control.

** Valve also receives a High Radiation (H) and/or a High Relative Humidity isolation signal.

Not subject to Type C leakage tests.

Not applicable to Unit 1 after refueling outage 1EOC9.

NOTE: Times are for valve operation only, and do not include any sensor response or circuit delay times. See Specification 3/4 3.2 for system actuation response times.

TABLE 3.6-2b (Continued)

UNIT 2 CONTAINMENT ISOLATION VALVES

VALVE NUMBER	FUNCTION	MAXIMUM ISOLATION TIME (s)
2. Phase "B" Isolation (Continued)		
RN-437B	Supply to NC Pumps and LCVU Supply Outside Containment Isolation	≤ 60
RN-484A	Return from NC Pumps and LCVU Return Inside Containment Isolation	≤ 60
RN-487A	Return from NC Pumps and LCVU Return Outside Containment Isolation	≤ 60
RN-404B	Supply to Upper Containment Supply Ventilation Units Containment Isolation (Outside)	≤ 10
RN-429A ##	Return from Upper Containment Ventilation Units Containment Isolation (Inside)	≤ 10
RN-432B ##	Return from Upper Containment Ventilation Units Containment Isolation (Outside)	≤ 10
VI-77B	Instrument Air Containment Outside Isolation	≤ 10
SM-1 #	Main Steam 2D Isolation	NA
SM-3 #	Main Steam 2C Isolation	NA
SM-5 #	Main Steam 2B Isolation	NA
SM-7 #	Main Steam 2A Isolation	NA
SM-9 #	Main Steam 2D Isolation Bypass Ctrl.	NA
SM-10 #	Main Steam 2C Isolation Bypass Ctrl.	NA
SM-11 #	Main Steam 2B Isolation Bypass Ctrl.	NA
SM-12 #	Main Steam 2A Isolation Bypass Ctrl.	NA
SV-19 #	Main Steam 2A PORV	NA
SV-13 #	Main Steam 2B PORV	NA
SV-7 #	Main Steam 2C PORV	NA
SV-1 #	Main Steam 2D PORV	NA
WL-867A**	Containment Vent Unit Drains Inside Containment Isolation	≤ 10
WL-869B**	Containment Vent Unit Drains Outside Containment Isolation	≤ 10

TABLE 3.6-2b (Continued)

UNIT 2 CONTAINMENT ISOLATION VALVES

VALVE NUMBER	FUNCTION	MAXIMUM ISOLATION TIME (s)
3. Manual (Continued)		
SM-103#	Main Steam 2C	N.A.
SM-119#	Main Steam 2C	N.A.
SM-141#	Main Steam 2C	N.A.
SA-4#	Main Steam 2C	N.A.
SM-19#	Main Steam 2D	N.A.
SM-70#*	Main Steam 2D	N.A.
SM-102#	Main Steam 2D	N.A.
SM-118#	Main Steam 2D	N.A.
SM-140#	Main Steam 2D	N.A.
WE-20*	Cont Bldg Supply Isol	N.A.
WE-22*	Cont Bldg Supply Isol	N.A.
WE-56*	Cont Bldg Supply Isol	N.A.
FW-4*	Refueling Water	N.A.
NV-862#*	Pressurizer Auxiliary Spray ND Outside Containment	N.A.
WLA-21#*	Steam Generator Drain Pump Discharge Outside Containment Isolation	N.A.
WLA-24#*	Steam Generator Drain Pump Discharge Outside Containment Isolation	N.A.

TABLE NOTATIONS

* May be opened on an intermittent basis under administrative control.

** Valve also receives a High Radiation (H) and/or a High Relative Humidity isolation signal.

Not subject to Type C leakage tests.

Not applicable to Unit 2 after refueling outage 2EOC8.

NOTE: Times are for valve operation only, and do not include any sensor response or circuit delay times. See Specification 3/4 3.2 for system actuation response times.