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Minneapolis, Minnesota
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proposed change concerning changes in the
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PLANT NAME: Monticello

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August 9, 1977

Mr Victor Stello, Director
Division of Operating Reactors
c/o Distribution Services Branch, DDC, ADM
U S Nuclear Regulatory Commission
Washington, DC 20555



Dear Mr Stello:

MONTICELLO NUCLEAR GENERATING PLANT
Docket No. 50-263 License No. DPR-22

License Amendment Request Dated August 9, 1977

Attached are three originals and 37 conformed copies of a request for a change of Technical Specifications, Appendix A, of the Provisional Operating License for the Monticello Nuclear Generating Plant.

This request is for changes in the Radiation Environmental Monitoring Program as described in Exhibit A attached.

We have concluded that the proposed changes do not involve an unreviewed safety question.

Yours very truly,

L. O. Mayer

L O Mayer, PE
Manager of Nuclear Support Services

LOM/ECW/ak

cc: J G Keppler
G Charnoff
MPCA
Attn: J W Ferman
MECCA
Attn: H J Vogel
S J Gadler

Attachments

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UNITED STATES NUCLEAR REGULATORY COMMISSION

NORTHERN STATES POWER COMPANY
MONTICELLO NUCLEAR GENERATING PLANT

Docket No. 50- 263

REQUEST FOR AMENDMENT TO
OPERATING LICENSE NO. DPR-22

(License Amendment Request Dated August 9, 1977)

Northern States Power Company, a Minnesota corporation, requests authorization for changes to the Technical Specifications as shown on the attachments labeled Exhibit A and Exhibit B. Exhibit A describes the proposed changes along with reasons for the change. Exhibit B is a set of Technical Specification pages incorporating the proposed changes.

This request contains no restricted or other defense information.

NORTHERN STATES POWER COMPANY

By

L. J. Wachter
L J Wachter

Vice President, Power Production &
System Operation

On this 9th day of August, 1977, before me a notary public in and for said County, personally appeared L J Wachter, Vice President, Power Production & System Operation, and first being duly sworn acknowledged that he is authorized to execute this document in behalf of Northern States Power Company, that he knows the contents thereof and that to the best of his knowledge, information and belief, the statements made in it are true and that it is not interposed for delay.

Margaret W. Olson



EXHIBIT A

MONTICELLO NUCLEAR GENERATING PLANT
DOCKET NO. 50-263

License Amendment Request Dated August 9, 1977

Proposed Change to Technical Specifications Appendix A,
of Provisional Operating License DPR-22

Pursuant to 10CFR50.59, the holders of Provisional Operating License DPR-22 hereby propose the following change to Appendix A Technical Specifications:

Specification and Bases 3.8/4.8 - Radiation Environmental Monitoring Program

PROPOSED CHANGES

Replace Table 4.8.1 (Page 2 of 4 only), Sample Collection and Analysis, Monticello Nuclear Generating Plant, Radiation Environmental Monitoring Program with the proposed Table 4.8.1 (Page 2 of 4 only) as contained in Exhibit B. This change eliminates clam sampling from the program.

Incorporate a proposed replacement Figure 4.8.1 and delete Figure 4.8.2 (Page 174).

Incorporate minor identification changes on the following pages: iv, vii, ix and 168.

REASON FOR CHANGES

Since the beginning of the environmental monitoring program, which includes two years of preoperational sampling and six years of operational sampling, extensive searching for clams both upstream and downstream of the plant has met with little or no success. Fast stream conditions and limited areas conducive to clam production create the absence of clams in this stretch of the river. We conclude the time spent in clam searching is not productive.

Proposed Figure 4.8.1 identifies both control and indicator sampling locations on the same map. It provides for easier comprehension of all sampling locations. The information shown on Figure 4.8.2 is incorporated in Proposed Figure 4.8.1.

The word "Radiation" added to the program title differentiates this program from the ecological study programs.

SAFETY EVALUATION

These changes involve no hazards considerations. The radiation environmental monitoring program is adequate to provide necessary supporting evidence for assessing the performance of the plant with respect to keeping population exposures as low as reasonably achievable.

EXHIBIT B

License Amendment Request Dated August 9, 1977

This exhibit consists of the following pages revised or removed to incorporate the proposed Technical Specification change:

iv
vii
ix
168
170
173
174(remove)

3.7 and 4.7	Containment Systems	139
A.	Primary Containment	139
B.	Standby Gas Treatment System	148
C.	Secondary Containment	150
D.	Primary Containment Isolation Valves	151
3.7	Bases	156
4.7	Bases	161
3.8 and 4.8	Radiation Environmental Monitoring Program	168
3.8 and 4.8	Bases	175
3.9 and 4.9	Auxiliary Electrical Systems	180
A.	Operational Requirements for Startup	180
B.	Operstional Requirements for Continued Operation	181
1.	Offsite Power (Line)	181
2.	Offsite Power (Transformers)	182

LIST OF FIGURES

<u>Figure No.</u>		<u>Page No.</u>
2.1-1	Deleted	
2.3.1	APRM Flow Referenced Scram and Rod Block Trip Settings	
2.3.2	Relationship Between Peak Heat Flux and Power for Peaking Factor of 3.08	12
4.1.1	'M' Factor - Graphical Aid in the Selection of an Adequate Interval Between Tests	46
4.2.1	System Unavailability	74
3.4.1	Sodium Pentaborate Solution Volume - Concentration Requirements	92
3.4.2	Sodium Pentaborate Solution Temperature Requirements	93
3.6.1	Change in Charpy V Transition Temperature versus Neutron Exposure	122
3.6.2	Minimum Temperature versus Pressure for Pressure Tests	122A
3.6.3	Minimum Temperature versus Pressure for Mechanical Heatup or Cooldown Following Nuclear Shutdown	122B
3.6.4	Minimum Temperature versus Pressure for Core Operation	122C
4.6.1	Deleted	
4.6.2	Chloride Stress Corrosion Test Results @ 500°F	123
4.8.1	Sampling Locations - Radiation Environmental Monitoring Program	173
3.11.1-A	Maximum Average Linear Heat Generation Rate versus Planar Average Exposure Monticello 8D219 Fuel	189H
3.11.1-B	Maximum Average Linear Heat Generation Rate versus Planar Average Exposure Monticello 7D230 Fuel	189I

LIST OF TABLES

3.1.1	Reactor Protection System (Scram) Instrument Requirements	30
4.1.1	Scram Instrument Functional Tests - Minimum Functional Test Frequencies for Safety Instrumentation and Control Circuits	34
4.1.2	Scram Instrument Calibration - Minimum Calibration Frequencies for Reactor Protection Instrument Channels	36
3.2.1	Instrumentation that Initiates Primary Containment Isolation Functions	50
3.2.2	Instrumentation that Initiates Emergency Core Cooling Systems	53
3.2.3	Instrumentation that Initiates Rod Block	57
3.2.4	Instrumentation that Initiates Reactor Building Ventilation Isolation and Standby Gas Treatment System Initiation	60
3.2.5	Trip Functions and Deviations	69
4.2.1	Minimum Test and Calibration Frequency For Core Cooling, Rod Block and Isolation Instrumentation	61
3.6.1	Safety Related Hydraulic Snubbers	121B
4.6.1	In-Service Inspection Requirements for Monticello	124
3.7.1	Primary Containment Isolation	153
4.8.1	Sample Collection and Analysis - Monticello Nuclear Generating Plant - Radiation Environmental Monitoring Program	169
6.5.1	Protection Factors for Respirators	206

3.0 LIMITING CONDITIONS FOR OPERATION

4.0 SURVEILLANCE REQUIREMENTS

4.8 Radiation Environmental Monitoring Program

The radiation environmental monitoring program given in Table 4.8.1 shall be conducted.

TABLE 4.8.1
(Page 2 of 4)

<u>Type of Sample</u>	<u>Type of Analysis</u>	<u>Collection Site</u>	<u>Collection Frequency</u>
Aquatic Vegetation	GS	1 Sample upstream of plant 1 Sample downstream of plant	Semi-annually (when available)
Fish (1 sample each of two game specie)	GS	2 Samples upstream of plant 2 Samples downstream of plant	Semi-annually (when available, water & ice conditions permit- ing)
Milk	^{131}I , ^{137}Cs ,* $^{89,90}\text{Sr}$ *	1 Sample at the offsite dairy farm having the highest X/Q 3 Samples from dairy farms calc- ulated to have doses from ^{131}I > 1 mrem./yr 1 Sample from 10-20 mile location	Monthly
Topsoil	GS, ^{90}Sr	From the 7 air sampling locations, and from 5 fields in the vicinity of the plant, including at least 2 fields irrigated with river water downstream of the plant.	Once every 3 years
Natural Vegetation	GS, ^{131}I	1 Sample from field having highest X/Q (same as for milk) 1 Sample from a field northwest of the plant (within 2 miles) 1 Sample from 10-20 mile location (Same as for milk)	Semi-annually

*Performed only on X/Q and Control Samples

3.8/4.8

173

REV

NEXT PAGE IS 175

Figure 4.8.1
SAMPLING LOCATIONS
MONTICELLO NUCLEAR GENERATING PLANT
RADIATION ENVIRONMENTAL MONITORING PROGRAM

