



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

NEBRASKA PUBLIC POWER DISTRICT

DOCKET NO. 50-298

COOPER NUCLEAR STATION

AMENDMENT TO FACILITY OPERATING LICENSE

Amendment No. 54
License No. DPR-46

1. The Nuclear Regulatory Commission (the Commission) has found that:
 - A. The application for amendment by Nebraska Public Power District dated July 11, 1978, complies with the standards and requirements of the Atomic Energy Act of 1954, as amended (the Act), and the Commission's rules and regulations 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;
 - 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 amended by changes to the Technical Specifications as indicated in the attachment to this license amendment and paragraph 2.C(2) of Facility License No. DPR-46 is hereby amended to read as follows:

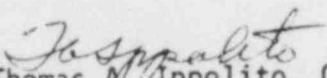
(2) Technical Specifications

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The Technical Specifications contained in Appendices A and B, as revised through Amendment No. 54, are hereby incorporated in the license. The licensee shall operate the facility in accordance with the Technical Specifications.

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

FOR THE NUCLEAR REGULATORY COMMISSION


Thomas A. Ippolito, Chief
Operating Reactors Branch #3
Division of Operating Reactors

Attachment:
Changes to the Technical
Specifications

Date of Issuance: March 9, 1979

ATTACHMENT TO LICENSE AMENDMENT NO. 54

FACILITY OPERATING LICENSE NO. DPR-46

DOCKET NO. 50-298

Revise Appendix B as follows:

Remove

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Replace

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(Page 5 Deleted)

2.0 ENVIRONMENTAL PROTECTION CONDITION

3.0 MONITORING REQUIREMENT

2.1.4 Maximum BTU/hr.

Not applicable.

2.1.5 Rate of Temperature Change

Specification

The rate of change of the river water temperature due to cooling water discharge shall be limited to 2°F/hour at the mixing zone boundary. This limitation may be exceeded for brief periods as necessary to maintain protection of critical plant equipment and systems, and for certain safeguard operations which cannot be limited or negated by plant operation.

3.1.4 Maximum BTU/hr.

Not applicable.

3.1.5 Rate of Temperature Change

Specification

A mid-depth continuous temperature recorder will be used in the discharge canal. (See 3.1.2) Temperatures in the discharge canal will be monitored and the rate of temperature change recorded hourly. This rate of temperature change will be correlated with the rate of temperature change at the mixing zone boundary. Accuracy and

U. S. Army Corps of Engineers
 U. S. Environmental Protection Agency - Water Quality
 U. S. Geological Survey
 University of Nebraska
 Omaha Public Power District

The three areas of major attention are: 1) temperature and chemistry, 2) fish and 3) macroinvertebrates and periphyton. Present plans call for a 2-year postoperational collection and evaluation program, with periodic reviews of the program and publication of progress and final reports.

Pieoperational studies were begun in 1970, but the Joint Agency Study, except for phytoplankton, has been suspended until the plant becomes operational. Efforts are being made to exchange and compare data with the Nebraska Game and Parks Commission.

4.1.2

Terrestrial

Not applicable.

4.2

Chemical

See Section 4.1.1.1.

4.3

Physical

4.3.1 Terrestrial

Not applicable.

4.3.2 Aerial

Not applicable.

4.4 Radiological

Objective

To provide the necessary information for evaluation of radiological effects on the environment.