

UNITED STATES ATOMIC ENERGY COMMISSION

DOCKET NO. 50-298

NEBRASKA PUBLIC POWER DISTRICT

NOTICE OF ISSUANCE OF AMENDMENT TO FACILITY
OPERATING LICENSE

No request for a hearing or petition for leave to intervene having been filed following publication of the notice of proposed action in the Federal Register on October 16, 1974 (39 F.R. 37000), the Atomic Energy Commission (the Commission) has issued Amendment No. 8 to Facility Operating License No. DPR-46 to the Nebraska Public Power District (the licensee) for the Cooper Nuclear Station (the facility) located in Nehema County, Nebraska. The amendment is effective as of its date of issuance.

The license amendment revised the Technical Specifications for the facility to allow an increase in the maximum average planar linear heat generation curves in accordance with the licensee's application for amendment dated May 28, 1974.

The Commission has found that the information filed by the licensee pertaining to the above action dated May 28, 1974 complies with the requirements of the Atomic Energy Act of 1954, as amended (the Act), and the Commission's regulations published in 10 CFR Chapter I. The Commission has made appropriate findings as required by the Act and the Commission's rules and regulations in 10 CFR Chapter I, which are set forth in the license amendment.

| | | | | | | |
|-----------|--|--|--|--|--|--|
| OFFICE > | | | | | | |
| SURNAME > | | | | | | |
| DATE > | | | | | | |

Copies of (1) Amendment No. 8 with Change No. 11 to the Technical Specifications of Facility Operating License No. DPR-46, and (2) the Commission's Safety Evaluation dated October 9, 1974 are available for public inspection at the Commission's Public Document Room at 1717 H Street, N. W., Washington, D. C., and at the Auburn Public Library, 1118 - 15th Street, Auburn, Nebraska 68305. Single copies of items 1 and 2 may be obtained upon request addressed to the U. S. Atomic Energy Commission, Attention: Deputy Director for Reactor Projects, Directorate of Licensing - Regulation.

Dated at Bethesda, Maryland, this 21st day of November, 1974.

FOR THE ATOMIC ENERGY COMMISSION

Dennis L. Ziemann
Dennis L. Ziemann, Chief
Operating Reactors Branch #2
Directorate of Licensing

| | | | | | | |
|-----------|--|--|--|--|--|--|
| OFFICE ➤ | | | | | | |
| SURNAME ➤ | | | | | | |
| DATE ➤ | | | | | | |

DISTRIBUTION:

Docket File (ENVIRON)

AEC PDR

Local PDR

L Reading

EP-4 Reading

RO (3)

OGC

B. Jones, DRA (4)

B. Scharf, DRA (15)

J. R. Buchanan, ORNL

T. B. Abernath, DTIE

ACRS (16)

D. Ziemann/J. Sapir, OR-2

W. Regan/R. Loose, EP-4

R. Diggs, OR-2

S. Reed, EP-4

H. Denton, SS/L

N. Dube

S. Kari (w/le r/s)

R. Vollmer

S. Varga

HJMcAlduff, ORO

N. Thomasson, EPA

DEC 27 1974

Docket No. 50-298

Nebraska Public Power District
ATTN: Mr. J. M. Pilant, Manager
Licensing and Quality Assurance
P. O. Box 499
Columbus, Nebraska 68601

Gentlemen:

Your telephone call of December 26, 1974 requested a review of operating license DPR-46, Appendix B Environmental Technical Specifications. The proposed review was requested to more accurately define the intent of Specification 2.1.1.C, Maximum ΔT Across Condenser.

We have completed our review and have designated our action as Amendment No. 9, Change No. 12 to Appendix B of Operating License No. DPR-46. This action involves a change in the wording of Environmental Technical Specification 2.1.1.C Maximum ΔT Across Condenser, to clarify intent.

The staff has evaluated the potential for environmental impact associated with the proposed amendment. Since the amendment consists of a minor change in wording to clarify intent, we have determined that there will be no change in effluent types or amounts, no increase in authorized power level and no environmental impact attributable to the proposed action. Having made this determination, the Commission has further concluded pursuant to 10 CFR § 51.5(d) that no environmental impact statement, negative declaration, or environmental impact appraisal need be prepared in connection with the proposed action.

The proposed amendment does not involve significant new safety information of a type not considered by any previous Commission safety review of the facility. It does not involve a significant increase in the probability or consequences of an accident, does not involve a significant decrease in a safety margin, and therefore does not involve a significant hazards consideration. The Commission has also concluded that there is reasonable assurance that the health and safety of the public will not be endangered by the proposed action.

Conrad K.

| | | | | | | |
|-----------|--|--|--|--|--|--|
| OFFICE ➤ | | | | | | |
| SURNAME ➤ | | | | | | |
| DATE ➤ | | | | | | |

DEC 27 1974

The contents of this Amendment have been discussed with and agreed to by the Licensee.

Accordingly, Amendment No. 9 to Facility Operating License No. DPR-46 is enclosed revising the Appendix B, Environmental Technical Specifications thereto to authorize the requested changes. A copy of a notice which is being forwarded to the Office of the Federal Register for publication relating to this action is also enclosed for your information.

Sincerely,

(signed) Fredric Anderson

Dennis L. Ziemann, Chief
 Operating Reactors Branch #2
 Directorate of Licensing

Enclosures:

1. Amendment No. 9 to License No. DPR-46
2. Federal Register Notice

cc w/encls.: (see attached page)

| | | | | | |
|-----------|------------------------|----------------------------|---------------------------|------------|----------------------------|
| OFFICE > | L:EP-4 | L:EP | L:ORB-2 | OGC | ADOR |
| SURNAME > | SDR <i>[Signature]</i> | WHRegan <i>[Signature]</i> | JSapir <i>[Signature]</i> | J.A. Talby | KGoller <i>[Signature]</i> |
| DATE > | RRLoose | DRMuller | DZiemann | 12/27/74 | 12/27/74 |
| | 12/27/74 | 12/27/74 | 12/27/74 | 12/27/74 | 12/27/74 |

DEC 27 1974

cc w/enclosures:

Mr. Gene Watson, Attorney
Wilson, Barlow & Watson
Post Office Box 81686
Lincoln, Nebraska 68501

Mr. Arthur C. Gehr, Attorney
Snell & Wilmer
400 Security Building
Phoenix, Arizona 85004

Mr. Anthony Z. Roisman, Esquire
Berlin, Roisman and Kessler
1712 N Street, N.W.
Washington, D.C. 20036

Mr. William Siebert, Commissioner
Nemaha County Board of Commissioners
Nebraska County Courtroom
Auburn, Nebraska 68305

Auburn Public Library
1118 - 15th Street
Auburn, Nebraska 68305

Mr. James L. Higgins, Director
Department of Environmental Control
Executive Building, 2nd Floor
Lincoln, Nebraska 68509

Mr. Ed Vest
Environmental Protection Agency
1735 Baltimore Avenue
Kansas City, Missouri 64108

2.0 ENVIRONMENTAL PROTECTION CONDITION

3.0 MONITORING REQUIREMENT

Specification (Cont'd)

Specification (Cont'd)

12 C. The maximum temperature across the condensers shall not exceed 30°F whenever a portion of the condenser discharge is recirculated to the inlet for ice control or when recirculation and backwashing are done concurrently; except the maximum temperature shall not exceed 32°F when recirculation and backwashing are done concurrently and a circulating water pump is down for maintenance.

RTD will be used to determine the ΔT which will be recorded hourly.

As an alternate, the temperature shall be obtained from the mid-depth continuous temperature recorder in the discharge canal as specified in 3.1.2.

Bases

Bases

Backwashing the main condenser is a necessity on a silt-laden river. Past experience at other generating stations on the Missouri River indicates that the condenser will require backwashing once per day. This process should take no longer than 1 hour.

Temperature monitoring sensors at the inlet to and outlet from the condensers will provide the ΔT across the condensers.

Each of the four circulating water pumps should require maintenance every four years. However, with silt/sand-laden river conditions it could occur as often as once per year. Maintenance for one pump takes one week, thus three pump operation may be necessary for four weeks out of the year.

Surface and frazil ice are melted by recirculating a portion of the warm condenser discharge water back to the intake structure. This should occur intermittently from November through April, with primary use in December and January.


Change No. 12
Date
DEC 27 1974

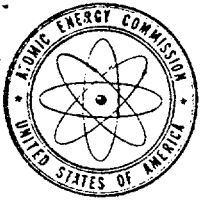
relating to the Regulatory staff's review of the application, dated December , 1974. All of these items are available for public inspection at the Commission's Public Document Room, 1717 H Street, N.W., Washington, D.C. and at the Auburn Public Library, 1118-15th Street, Auburn, Nebraska 68305.

A copy of items (1) and (2) may be obtained upon request addressed to the U.S. Atomic Energy Commission, Washington, D.C. 20545, Attention: Deputy Director for Reactor Projects, Directorate of Licensing - Regulation.

Dated at Bethesda, Maryland, this 27th day of December 1974.

FOR THE ATOMIC ENERGY COMMISSION


Fredric Anderson, Acting Chief for
Dennis L. Ziemann, Chief
Operating Reactors Branch #2
Directorate of Licensing



UNITED STATES
ATOMIC ENERGY COMMISSION
WASHINGTON, D.C. 20545

NEBRASKA PUBLIC POWER DISTRICT

DOCKET NO. 50-298

COOPER NUCLEAR STATION

AMENDMENT TO FACILITY OPERATING LICENSE

Amendment No. 9
License No. DPR-46

1. The Atomic Energy Commission (the Commission) having found that:
 - A. The facility will operate in conformity with the application, the provisions of the Atomic Energy Act of 1954, and the rules and regulations of the Commission;
 - B. 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;
 - C. 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
 - D. Prior public notice of this amendment is not required since the amendment does not involve a significant hazards consideration.
2. Accordingly, the license is amended by a change 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

The Technical Specifications contained in Appendices A and B, as revised, are hereby incorporated in the license. The licensee shall operate the facility in accordance with the Technical Specifications, as revised by issued changes thereto through Change No. 12."

ATTACHMENT TO LICENSE AMENDMENT No. 9

CHANGE NO. 12 TO THE TECHNICAL SPECIFICATIONS

FACILITY OPERATING LICENSE NO. DPR-46

Replace page 3 of Appendix B - Environmental Technical Specifications with the attached revised page. Changed areas are reflected by marginal lines on each page.

UNITED STATES ATOMIC ENERGY COMMISSION

DOCKET NO. 50-298

NEBRASKA PUBLIC POWER DISTRICT

NOTICE OF ISSUANCE OF AMENDMENT TO FACILITY
OPERATING LICENSE

Notice is hereby given that the U.S. Atomic Energy Commission (the Commission) has issued Amendment No. 9 to Facility Operating License No. DPR-46 issued to Nebraska Public Power District which revised Appendix B, Environmental Technical Specifications for operation of the Cooper Nuclear Station, located in Nemaha County, Nebraska. The amendment is effective as of its date of issuance.

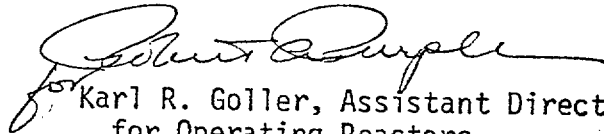
The amendment permits modification to the Environmental Technical Specification, Maximum ΔT Across Condenser to more accurately define intent.

The amendment complies with the standards and requirements of the Atomic Energy Act of 1954, as amended (the Act), and the Commission's rules and regulations. The Commission has made appropriate findings as required by the Act and the Commission's rules and regulations in 10 CFR Chapter I, which are set forth in the license amendment.

For further details with respect to this action, see (1) Amendment No. 9 to License No. DPR-46 with any attachments, and (2) the letter to Nebraska Public Power District transmitting Amendment No. 9 and containing details

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

FOR THE ATOMIC ENERGY COMMISSION


for Karl R. Goller, Assistant Director
for Operating Reactors
Directorate of Licensing

Attachment:
Change No. 12 - Appendix B
Environmental Technical
Specifications

Date of Issuance: DEC 27 1974