

JAN 27 1975

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

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Gentlemen:

Your letter dated January 17, 1975, submitted proposed changes to operating license DPR-46, Appendix B Environmental Technical Specifications. The proposed changes to temperature across the condensers specified in Section 2.1.1 were requested to provide operational flexibility during periods when a portion of the condenser discharge is recirculated for ice control.

We have completed our review of the proposed changes and have designated our action as Amendment No. 10, Change No. 13 to the Technical Specifications of Operating License No. DPR-46. We also have included in our action a revised Table of Contents, Provision for Thermal Plume Mapping Studies in Section 2.1.1, and a revised Section 5, Administrative Controls, to reflect current Regulatory practice.

The staff has evaluated the potential for environmental impact associated with operating the Station as contemplated in the proposed amendment. The amendment applies to administrative details, to the temperature across the condensers during short periods of thermal plume mapping studies, and to operation under deicing conditions. The staff has determined that there will be no change in effluent types or total amounts, no increase in authorized power level and no significant environmental impact attributable to the proposed action. Having made this determination, the Commission has further concluded pursuant to 10 CFR § 51.5(c)(1) that no environmental impact statement need be prepared in connection with the proposed action. Copies of the related Negative Declaration and supporting Environmental Impact Appraisal are enclosed.

The proposed amendment does not involve significant new safety information of a type not considered by a previous Commission safety review of the facility. It does not involve a significant

CP  
(1)

OFFICE ➤							
SURNAME ➤							
DATE ➤							

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*Rather long sentences, somewhat unclear & may not be clear in all regards.*

The staff has evaluated the potential for environmental impact associated with operating the Station as contemplated in the proposed amendment. Since the amendment applies to administrative details, to the temperature across the condensers during short periods of thermal plume mapping studies, or to operation under deicing conditions when condenser passage effects on biota will be insignificant due to the low level of productivity in the river during the winter season, the staff has determined that there will be no change in effluent types or total amounts, no increase in authorized power level and no significant 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 need be prepared in connection with the proposed action. Copies of the related Negative Declaration and supporting Environmental Impact Appraisal are enclosed.

(c)(1)

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.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.

Accordingly, Amendment No. 10 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)

Dennis L. Ziemann, Chief  
Operating Reactors Branch 2  
Division of Reactor Licensing

Enclosures:

- 1. Amendment No. 10 to License No. DPR-46
- 2. Federal Register Notice
- 3. Negative Declaration with Supporting Environmental Impact Appraisal

cc w/encls: (see attached page)

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SURNAME	RRLouse	DRM	DZiemann		
DATE	1/22/75	1/23/75	1/24/75	1/24/75	1/ /75

UNITED STATES  
NUCLEAR REGULATORY COMMISSION  
WASHINGTON, D. C. 20565

JAN 27 1975

Docket No. 50-298

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

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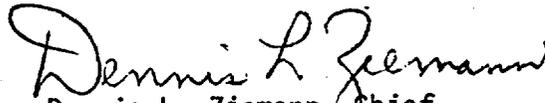


JAN 27 1975

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Sincerely,



Dennis L. Ziemann, Chief  
Operating Reactors Branch 2  
Division of Reactor Licensing

Enclosures:

1. Amendment No. 10 to License No. DPR-46
2. Federal Register Notice
3. Negative Declaration with Supporting Environmental Impact Appraisal

cc w/encls: (see attached page)

Nebraska Public Power

3

JAN 27 1975

cc w/encls:

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

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

cc w/encls & cy NPPD  
ltr dtd 1/17/75

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Department of Environmental Control  
Executive Building, 2nd Floor  
Lincoln, Nebraska 68509

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

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. 10  
License No. DPR-46

1. The Nuclear Regulatory Commission (the Commission) having found that:
  - A. The application for amendment by Nebraska Public Power District (the licensee) dated January 17, 1975, complies with the standards and requirements of the Atomic Energy Act of 1954, as amended, 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. 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. 13."

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

FOR THE NUCLEAR REGULATORY COMMISSION

*Karl R. Goller*

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

Attachment:  
Change No. 13 - Appendix B  
Environmental Technical  
Specifications

Date of Issuance: JAN 27 1975

ENVIRONMENTAL IMPACT APPRAISAL BY THE DIVISION OF REACTOR LICENSING

SUPPORTING AMENDMENT NO. 10 TO DPR-46

CHANGE NO. 13 TO APPENDIX B OF TECHNICAL SPECIFICATIONS

NEBRASKA PUBLIC POWER DISTRICT

COOPER NUCLEAR STATION

Introduction

By letter dated January 17, 1975, Nebraska Public Power District requested changes to the Technical Specifications appended to Facility Operating License No. DPR-46 for the Cooper Nuclear Station. The proposed changes to temperature across the condensers were requested to provide operational flexibility during periods when a portion of the condenser discharge is recirculated for ice control. In addition, the staff has provided for changes to temperature across the condensers for intermittent periods to allow thermal plume mapping studies to be conducted under varying operating conditions.

Discussion

The Cooper Nuclear Station has experienced inadvertent increases in the temperature across the condensers ( $\Delta T$ ) due to ice conditions in the Missouri River during the winter season. Severe flow restrictions due to ice blockage have resulted in recirculation pump trips which in turn cause reduced cooling water flow with elevated condenser outlet temperatures. Therefore, two pump operation of the Station is dictated by adverse ice conditions in the Missouri River. As a result of the above naturally occurring conditions, the Station is restricted to approximately 70% power under presently specified limits on temperature increase across the condenser. The proposed changes would provide relief from the specification in temperature across the condensers during periods that a portion of the condenser discharge is recirculated to the inlet for ice control. Additional temporary relief from this specification is necessary since the operation of only three of the four circulating water pumps during the summer season will be required on an intermittent basis to allow the completion of the Thermal Plume Studies specified in Section 4.3.1 of the Environmental Technical Specifications.

Evaluation

The following staff evaluation of the expected environmental impacts associated with this action is based upon a review of the appropriate data submitted in the Cooper Station Environmental Report, as amended, the Cooper Station Semiannual Operating Report dated September 3, 1974, and more recent data enclosed as justification of the proposed changes to the technical specifications.

The removal of the  $\Delta T$  limits will have no measureable effect on the total amount of heat discharged to the river but will result in higher temperatures to smaller volumes of cooling water discharge. These higher temperatures have the potential for increased impacts in the mixing zone and on organisms subjected to condenser passage.

After reevaluation of the mixing characteristics of the river, coupled with the decreased volume (25% to 33%) of the thermal discharge, the staff has determined that there will be no significant environmental impact in the mixing zone attributable to the proposed action other than has already been predicted and described in the Commission's Final Environmental Impact Statement (FES) from the Cooper Nuclear Station.

The FES evaluation also applies to condenser passage effects, since the staff assumed 100% mortality of organisms in that fraction of the river used for cooling purposes. Such an assumption is conservative in that the proposed change will result in condenser passage of a decreased river fraction and occur during the winter season which has been shown to be a period of low productivity.

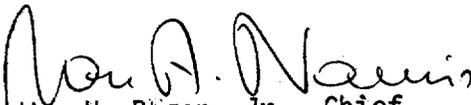
Due to the intermittent nature and short duration of the Thermal Plume Studies specified in Section 4.3.1 of the Environmental Technical Specifications, the staff has determined that there will not be a significant impact associated with the removal of the  $\Delta T$  limits during their completion.

### Conclusion

We have concluded, based on the reasons discussed in the sections above that authorization of this change does not involve significant environmental impact on hazards considerations. We also conclude that there is reasonable assurance (1) that the activities authorized by this amendment can be conducted without endangering the health and safety of the public, and (2) that such activities will be conducted in compliance with the Commission's regulations and the issuance of this amendment will not be inimical to the common defense and security or to the health and safety of the public.



Ronald R. Loose, Project Manager  
Environmental Projects Branch 4  
Division of Reactor Licensing

for   
Wm. H. Regan, Jr., Chief  
Environmental Projects Branch 4  
Division of Reactor Licensing

JAN 27 1975

ATTACHMENT TO LICENSE AMENDMENT NO. 10  
CHANGE NO. 13 TO THE TECHNICAL SPECIFICATIONS  
FACILITY OPERATING LICENSE NO. DPR-46

Replace pages i and iii of the Table of Contents, pages 2, 3 and 77 through 84 of Appendix B - Environmental Technical Specifications with the attached revised pages. Changed areas are reflected by marginal lines on each page.

**JAN 27 1975**

Effective January 19, 1975, activities under the U.S. Atomic Energy Commission regulatory program were assumed by the U.S. Nuclear Regulatory Commission in accordance with the Energy Reorganization Act of 1974. Any references to the Atomic Energy Commission (AEC) contained herein should be interpreted as Nuclear Regulatory Commission (NRC)

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ENVIRONMENTAL TECHNICAL SPECIFICATIONS

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Date:

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2.0 ENVIRONMENTAL PROTECTION CONDITION

2.1 Thermal

Objective:

To limit thermal stress to the aquatic ecosystem and control water temperature within prescribed limits in order to minimize adverse thermal effects downstream of Cooper Nuclear Station.

2.1.1 Maximum  $\Delta T$  Across Condenser

Specification

The limitations apply to the maximum temperature across the condensers during operation except during periods when a portion of the condenser discharge is recirculated to the inlet for ice control or when thermal plume mapping studies are being conducted as specified in Section 4.3.1.

- A. The maximum temperature across the condensers shall not exceed 18°F during normal operation. The maximum temperature shall not exceed 30°F when backwashing or fluctuations in power level occur.
- B. The maximum temperature across the condensers shall not exceed 32°F during backwashing and 22°F at other times when a circulating water pump is down for maintenance. Routine maintenance will not be scheduled during July or August.

3.0 MONITORING REQUIREMENT

3.1 Thermal

Objective:

To assure that thermal protection conditions including temperature difference across the condenser, discharge temperature, rate of temperature change, and temperature within a prescribed mixing zone are maintained within the technical specifications.

3.1.1 Maximum  $\Delta T$  Across Condenser

Specification

Temperature across the condensers will be monitored (except during periods when ice control is required) once per shift during steady state operation utilizing condenser inlet and outlet RTD's with a 0-150°F range. The accuracy of the system and sensitivity of the RTD's are 1% and 0.1°F respectively.

Hourly temperature monitoring is required following changes in power level or during backflushing operations until the  $\Delta T$  across the condensers are stable.

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

Temperature monitoring sensors at the inlet to and outlet from the condensers will provide the  $\Delta T$  across the condensers.

13

13

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2.0 ENVIRONMENTAL PROTECTION CONDITION

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.

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.

The operation of only three circulating water pumps during the summer season will also be required on an intermittent basis to allow the completion of the thermal plume mapping studies specified in Section 4.3.1.

Surface and frazil ice are melted by recirculating a portion of the warm condenser discharge water back to the intake structure. During severe ice conditions in the river, low intake flow due to ice blockage may require operation of only two circulating water pumps. This should occur intermittently from November through April, with primary use in December and January. Condenser passage effects will be insignificant due to the low level of productivity in the river during the winter season.

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## 5.0 Administrative Controls

### Objective

The administrative section describes the administrative controls and procedures necessary to implement the environmental technical specifications.

### Specification

#### 5.1 Review and Audit

The Station Operation Review Committee (SORC) of Cooper Nuclear Station is the group assigned to be responsible for checking, inspecting, or otherwise verifying that an activity has been correctly performed. The review function will be performed by personnel directly involved in the activity under review.

The audit function will be performed by the NPPD Safety Review and Audit Board (SRAB).

Review and audit functions will be defined for the following areas:

- a. Results of the environmental monitoring programs prior to their submittal in each Annual Environmental Monitoring Report. See Section 5.4.1.
- b. Proposed changes to the environmental technical specifications and the evaluated impact of the change.
- c. Proposed changes or modifications to plant systems or equipment and the evaluated impact which would require a change in the procedures described in d. below.
- d. Proposed sampling, analysis, calibration and alarm check procedures, as specified in 5.3.1, and any other proposed procedures or changes thereto as determined by the plant superintendent to affect the plant's environmental impact.
- e. Investigation of all reported instances of violations of environmental technical specifications. Where investigation indicates, evaluate and formulate recommendations to prevent recurrence.

5.2 Action to be Taken in the Event of Violation of an Environmental Technical Specification.

- 5.2.1 Follow any remedial action permitted by the technical specification until the specification can be met.
- 5.2.2 Any environmental technical specification (ETS) violation shall be reported immediately to the Directors of Power Supply and Generation Engineering and promptly reviewed as specified in Section 5.1.
- 5.2.3 As specified in Section 5.4.2, a separate report for each ETS violation shall be prepared. This report shall include an evaluation of the cause of the occurrence, a record of the corrective action taken, and recommendations for appropriate action to prevent or reduce the probability of a recurrence.
- 5.2.4 Copies of all such reports shall be submitted to the Assistant General Manager for Power Supply and Generation Engineering for review and approval of any recommendations.
- 5.2.5 In the event the violation involves a release of radioactive material, copies of the report shall also be submitted to the Chairman, NPPD Safety Review and Audit Board for review and approval of any recommendations.
- 5.2.6 The Manager of Licensing and Quality Assurance shall report the circumstances of any ETS violations to the NRC as specified in Section 5.4.2.

5.3 Operating Procedures

- 5.3.1 Detailed written procedures, including applicable check-off lists and instructions shall be prepared, approved as specified in Section 5.3.2 and adhered to for operation of all systems and components involved in carrying out the environmental monitoring program. Procedures shall include sampling, instrument calibration, analysis, and actions to be taken when limits are approached or exceeded.

Calibration frequencies for instruments used in performing the measurements required by the environmental technical specifications shall be included.

Testing frequency of any alarms shall be included. These frequencies shall be determined from experience with similar instruments in similar environments and from manufacturers technical manuals.

- 5.3.2 All procedures described in 5.3.1 above, and changes thereto, shall be reviewed as specified in Section 5.1 and approved by the Plant Superintendent prior to implementation. Temporary changes to procedures which do not change the intent of the original procedure may be made, provided such changes are approved by two members of the plant management staff. Such changes shall be documented, subsequently reviewed and approved on a timely basis.

#### 5.4 Plant Reporting Requirements

##### 5.4.1 Routine Reports

##### a. Annual Environmental Operating Report

##### (1) Nonradiological Volume

A report on the nonradiological environmental surveillance programs for the previous 12 months of operation shall be submitted to the Director of the Regional Regulatory Operation Office (with copy to Director of Licensing) as a separate Volume (#1) of the Annual Environmental Operating Report within 90 days after January 1 of each year. The period of the first report shall begin with the date of initial criticality. The report shall include summaries, interpretations, and statistical evaluation of the results of the nonradiological environmental surveillance activities (Section 3.0) and the environmental monitoring programs required by limiting conditions for operation (Section 2.0) for the report period. A comparison with preoperational studies, operational controls (as appropriate), and previous environmental surveillance reports, and an assessment of the observed impacts of the plant operation on the environment shall be provided. If harmful effects or evidence of irreversible damage are detected by the monitoring, the licensee shall provide an analysis of the problem and a proposed course of action to alleviate the problem.

##### (2) Radiological Volume

A report on the radiological environmental surveillance programs for the previous 12 months of operation shall be submitted to the Director of the Regional Regulatory Operations Office (with copy to Director of Licensing) as a separate volume (#2) of the Annual Environmental Operating Report within 90 days after January 1 of each year. The period of the first report shall begin with the date of initial criticality. The report shall include summaries, interpretations, and statistical evaluation of the results of the radiological environmental surveillance activities for the report period,

including a comparison with preoperational studies, operating controls (as appropriate) and previous environmental surveillance reports, and an assessment of the observed impacts of the plant operation on the environment. If harmful effects or evidence of irreversible damage are detected by the monitoring, the licensee shall provide an analysis of the problem and a proposed course of action to alleviate the problem.

Results of all radiological environmental samples taken shall be summarized on an annual basis following the format of Table 10. In the event that some results are not available within the 90 day period, the report shall be submitted noting and explaining the reasons for the missing results. The missing data shall be submitted as soon as possible in a supplementary report.

b. Semiannual Operating Report - Radioactive Effluents

A report on the radioactive discharges released from the site during the previous 6 months of operation shall be submitted to the Director of the Regional Regulatory Operations Office (with copy to the Director of Licensing) within 60 days after January 1 and July 1 of each year. The period of the first report shall include a summary of the quantities of radioactive liquid and gaseous effluents and solid waste released from the plant as outlined in Regulatory Guide 1.21, with data summarized on a quarterly basis following the format of Appendix B thereof.

The report shall include a summary of the meteorological conditions concurrent with the release of gaseous effluents during each quarter as outlined in Regulatory Guide 1.21, with data summarized on a quarterly basis following the format of Appendix B thereof. Calculated offsite dose to humans resulting from the release of effluents and their subsequent dispersion in the atmosphere shall be reported in accordance with Regulatory Guide 1.21.

5.4.2 Non-Routine Reports

a. Radiological Reporting Levels

In the event a report level specified below is reached a report shall be made within the designated time period to the Director of Regulatory Operations, Region IV, with a copy to the Deputy Director for Reactor Projects. It is the clear intent of this section to limit the station related annual dose via the air-milk pathway to 15 mrem or less.

Change No. 13

Date: JAN 27 1975

TABLE 10

REPORTING OF RADIOACTIVITY IN THE ENVIRONS

Facility _____	Docket No. _____	Reporting Period _____	
A. Sample Results	Average Quarterly Results <sup>5/</sup> Frequency and <sup>6/</sup>	Analysis Results <sup>2/</sup> (specify radio-nuclide or entity)	Remarks <sup>1/</sup>
Sample	Location <sup>3/</sup>	Type of Samples	
(1) External Radiation			
(2) Filterable Airborne			
a. Particulate Filters			
1)			
2)			
etc.			
b. Charcoal Filters			
1)			
2)			
etc.			
(3) Water <sup>4/</sup>			
a.			
b.			
etc.			
(4) Food (Human)			
a.			
b.			
etc.			
(5) Other Media			
a. Vegetation (include pasture and other animal foodstuffs)			
b. Soils			
c. Sediments			
d. Fish			
e. Molluscs			
f. Plankton			
g. Algae			
h. etc.			

- <sup>1/</sup> Explain any unusual measurements or deviation from sampling schedule.
- <sup>2/</sup> Use the following units; external radiation, mrem/quarter; filterable airborne, water and milk,  $\mu\text{Ci/ml}$ ; soil,  $\mu\text{Ci/m}^2$  (specify depth) precipitation,  $\mu\text{Ci/m}^2$ ; stream sediments and terrestrial and aquatic vegetation  $\mu\text{Ci/dry gm}$ ; other media, specify units.
- <sup>3/</sup> Specify location and its distance and direction from the facility, and indicate which is used for background.
- <sup>4/</sup> Indicate whether precipitation, surface, ground, lake, river, ocean, etc.; specify drinking water.
- <sup>5/</sup> Use separate table for each quarter.
- <sup>6/</sup> Type of sample means either grab, continuous, proportional, composite, etc.

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- (1) If a measured level of I-131 in the air-milk pathway indicates that the resultant annual dose to the thyroid of an individual from these levels could equal or exceed 60 mrem, the results shall be reported and a plan submitted and implemented within one week to limit conditions so that the annual dose to the thyroid of an individual will not exceed 15 mrem. For example, with an I-131 design objective of 15 mrem/yr to the thyroid of any individual via the air-milk pathway, if individual milk samples show I-131 concentrations of  $9.6 \times 10^{-9}$   $\mu\text{Ci}/\text{cm}^3$  (9.6 pCi/l) or greater, the results will be reported along with the plan of action to reduce these levels as discussed above.
- (2) If the samples of the air-milk environmental pathway collected over a calendar quarter show total levels of I-131 that could result in accumulated plant related doses to the thyroid of an individual of 7.5 mrem for that quarter, the results shall be reported and a plan submitted and implemented within 30 days to limit conditions so that the annual dose to the thyroid of an individual will not exceed 15 mrem.

If the samples of the air-milk environmental pathway collected over any two calendar quarters show total levels of I-131 that would result in accumulated plant related doses to the thyroid of an individual of 11.3 mrem in those two quarters, the results shall be reported and a plan submitted and implemented within 30 days to limit conditions so that the annual dose to the thyroid of an individual will not exceed 15 mrem.

#### b. Violations

Notification of violations of an environmental technical specification, including any unplanned release of radioactive material from the site, shall be made within the next working day by telephone or telegraph to the Director of Regulatory Operations, Region IV, followed by a written report within 10 days with a copy to the Director, Division of Reactor Licensing.

The written report and to the extent possible, the preliminary telephone and telegraph report, shall:

- (a) describe, analyze and evaluate implications,
- (b) determine the cause of the violation, and
- (c) indicate the corrective action (including any significant changes made in procedures) taken to preclude repetition of the occurrence and to prevent similar occurrences involving similar components or systems.

The following conditions shall be considered as violations of environmental technical specifications unless otherwise specified by a particular specification.

- (1) The occurrence of any condition in violation of an environmental technical specification.
- (2) Failure to take appropriate action when a specified report level is reached.
- (3) Failure to report in a timely manner, other conditions that indicate a significant environmental impact. Example - a large fish kill at the intake structure.

c. Changes

- (1) When a change to the plant (that affects the environmental impact evaluation contained in the Environmental Report and the Environmental Statement) or to the environmental monitoring procedures or equipment is planned, a report of the change shall be submitted to the NRC for information prior to implementation of the change. This is not intended to preclude making changes on short notice that are significant in terms of decreasing adverse environmental impact, etc. However, these changes shall be promptly reported. 13
- (2) Changes or additions to permits and certificates required by Federal, State, local and regional authorities for the protection of the environment shall be reported. When the required changes are submitted to the concerned agency for approval, they shall also be submitted to the Director, Division of Reactor Licensing, USNRC for information. The report shall include an evaluation of the impact of the change. 13
- (3) Request for changes in environmental technical specifications shall be submitted to the Director, Division of Reactor Licensing, USNRC for prior review and authorization. The request shall include an evaluation of the impact of the change.

5.5 Records Retention

- 5.5.1 Records and logs relative to the following areas will be retained for the life of the plant:

- a. Records and drawing changes reflecting plant design modifications made to systems and equipment as described in Section 5.4.2.c
  - b. Records of environmental surveillance data.
  - c. Records to demonstrate compliance with the limiting conditions for operation in Section 2.0.
- 5.5.2 All other records and logs relating to the environmental technical specifications shall be retained for five years.

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Date JAN 27 1975

NEGATIVE DECLARATION  
REGARDING  
OPERATING LICENSE DPR-46  
FOR THE  
COOPER NUCLEAR STATION  
DOCKET NO. 50-298

The U. S. Nuclear Regulatory Commission (the Commission) has considered the issuance of changes to the Environmental Technical Specifications Appendix B of Operating License No. DPR-46. These changes would authorize the Nebraska Public Power District (the licensee) to operate the Cooper Nuclear Station with an increased temperature across the condensers during thermal plume mapping studies and periods when ice control is required; and include revisions to administrative controls to reflect current Regulatory practice.

The U. S. Nuclear Regulatory Commission, Division of Reactor Licensing, has prepared an environmental impact appraisal for the proposed change to the Environmental Technical Specifications Appendix B, of License No. DPR-46, Cooper Nuclear Station, described above. On the basis of this appraisal, we have concluded that an environmental impact statement for this particular action is not warranted because there will be no significant environmental impact attributable to the proposed action. The environmental impact appraisal is available for public inspection at the Commission's Public Document Room at 1717 H Street, N. W., Washington, D. C. and the

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

Dated at Rockville, Maryland, this 27<sup>th</sup> day of January, 1975.

FOR THE NUCLEAR REGULATORY COMMISSION

*Wm. H. Regan, Jr.*  
Wm. H. Regan, Jr., Chief  
Environmental Projects Branch 4  
Division of Reactor Licensing

UNITED STATES NUCLEAR REGULATORY 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. Nuclear Regulatory Commission (the Commission) has issued Amendment No. 10 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  $\Delta T$  Across Condenser, to provide operational flexibility during thermal plume mapping studies and during periods when a portion of the condenser discharge is recirculated for ice control. In addition, administrative controls have been revised to reflect current Regulatory practice.

The application for 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) the application for amendment dated January 27, 1975, (2) Amendment No. 10 to License

No. DPR-46, with any attachments, and (3) the Commission's related Negative Declaration with supporting Environmental Impact Appraisal, issued concurrently with this notice. 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 the Auburn Public Library, 1118-15th Street, Auburn, Nebraska 68305.

A copy of items (2) and (3) may be obtained upon request addressed to the U. S. Nuclear Regulatory Commission, Washington, D. C. 20555, Attention: Director, Division of Reactor Licensing.

Dated at Bethesda, Maryland, this 27<sup>th</sup> day of January, 1975.

FOR THE NUCLEAR REGULATORY COMMISSION



Dennis L. Ziemann, Chief  
Operating Reactors Branch 2  
Division of Reactor Licensing