

April 17, 1984

Docket No. 50-334

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Docket File

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Nuclear Division  
Duquesne Light Company  
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NRC PDR  
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ORB#1 Rdg  
Gray File  
CParrish  
DEisenhut  
PTam

OELD  
SECY  
LHarmon  
EJordan  
JNGrace  
DBrinkman  
TBarnhart (4)  
WJones

ACRS (10)  
WMeinke  
OPA, C. Miles  
RDiggs  
RBallard

Dear Mr. Carey:

The Commission has issued the enclosed Amendment No. 77 to Facility Operating License No. DPR-66 for the Beaver Valley Power Station, Unit No. 1. The amendment consists of changes to the Technical Specifications in response to your application dated November 3, 1983.

The amendment changes the Technical Specifications for Beaver Valley Unit No. 1 by eliminating all radiological specifications from Appendix B, since all such specifications have been incorporated into Appendix A by Amendment No. 66, dated March 28, 1983 your November 3 letter also requested elimination of non-radiological specifications in Appendix B. These are being addressed separately.

A copy of the related Safety Evaluation is enclosed. The Notice of Issuance will be included in the Commission's next regular monthly Federal Register notice.

Sincerely,

ORIGINAL SIGNED BY

Peter Tam, Project Manager  
Operating Reactors Branch No. 1  
Division of Licensing

Enclosures:

1. Amendments No. 77 to DPR-66
2. Safety Evaluation

cc: w/enclosures  
See next page

ORB#1:DL  
CParrish  
3/29/84

ORB#1:DL  
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BV  
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3/30/84

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P PDR

Mr. J. J. Carey  
Duquesne Light Company

Beaver Valley Power Station  
Unit 1

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Beaver Valley Power Station  
Unit 1

- 2 -

cc: N. H. Dyer, M.D.  
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UNITED STATES  
NUCLEAR REGULATORY COMMISSION  
WASHINGTON, D. C. 20555

DUQUESNE LIGHT COMPANY

OHIO EDISON COMPANY

PENNSYLVANIA POWER COMPANY

DOCKET NO. 50-334

BEAVER VALLEY POWER STATION, UNIT NO. 1

AMENDMENT TO FACILITY OPERATING LICENSE

Amendment No. 77  
License No. DPR-66

1. The Nuclear Regulatory Commission (the Commission) has found that:
  - A. The application for amendment by Duquesne Light Company, Ohio Edison Company, and Pennsylvania Power Company (the licensees) dated November 3, 1983, 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 Operating License No. DPR-66 is hereby amended to read as follows:

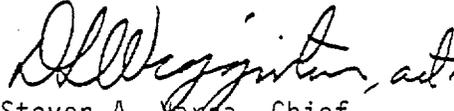
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(2) Technical Specifications

The Technical Specifications contained in Appendices A and B, as revised through Amendment No. 77, 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



Steven A. Yanga, Chief  
Operating Reactors Branch #1  
Division of Licensing

Attachment:  
Changes to the Technical  
Specifications

Date of Issuance: April 17, 1984

ATTACHMENT TO LICENSE AMENDMENT

AMENDMENT NO. 77 TO FACILITY OPERATING LICENSE NO. DPR-66

DOCKET NO. 50-334

Revise Appendix B as follows:

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5-9  
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Insert Pages

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2-1 thru 2-19  
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1-1 thru 1-2

Amendment No 77

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data shall provide information for assessment of the impact of cooling tower drift and plume on the pH and conductivity of the soils. Pre-operational soil studies indicate that ten replications per area are sufficient to detect a change of a tenth of a pH at least 90% of the time. (The sample size necessary for statistically reliable estimates of conductivity is being determined.)

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## 5.0 ADMINISTRATIVE CONTROLS

### Objective

To define the organization, assign responsibilities, describe the environmental surveillance procedures, provide for a review and audit function and prescribe the reporting requirements in order to insure continuing protection of the environment and implement the Environmental Technical Specifications.

## 5.1 ORGANIZATION

Figure 5.1-1 is a partial organization chart of the Nuclear Division which includes groups and individuals responsible for environmental protection, environmental monitoring and the implementation of the Environmental Technical Specifications following the issuance of an operating license for Beaver Valley Unit No. 1.

## 5.2 RESPONSIBILITY

All activities within the Nuclear Division are the responsibility of the Vice President, Nuclear. He delegates the responsibility for the ecological environmental monitoring programs to the Manager, Nuclear Safety and Licensing. He is advised by the Off-Site Review Committee in matters relating to the environmental impact of station operation which involve proposed changes to the Environmental Technical Specifications, proposed changes to written procedures, proposed changes or modifications to station systems or equipment, evaluations of investigations, and when appropriate, recommendations to prevent recurrence of such violations.

(Deleted)

### 5.3 REVIEW AND AUDIT

The Director, Environmental and Radiological Safety Programs is responsible to the Off-Site Review Committee for reviewing the results of the Environmental Surveillance Program to determine that the sampling program is being implemented as described to verify that the environment is adequately protected under the existing station operating procedures. He is also responsible for requesting that analyses be repeated or that new samples be obtained from particular locations in the case of anomalous results.

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The Off-Site Review Committee functions as they relate to the Environmental Technical Specifications are as follows:

- a. Review the reports of the Director, Environmental and Radiological Safety Programs on the results of the environmental monitoring program prior to their submittal to the NRC in each Annual Environmental Operating Report. See Section 5.6.1.
- b. Review and make recommendations on proposed changes to the Environmental Technical Specifications and the evaluated impact of the changes.
- c. Review and compare the Safety Technical Specifications and the Environmental Technical Specifications to avoid conflicts and maintain consistency.

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BEAVER VALLEY UNIT 1

5-4

Amendment No. 77

5.6 PLANT REPORTING REQUIREMENTS

5.6.1 Routine Reports

Annual Environmental Operating Report

Nonradiological Volume #1

A report on the nonradiological environmental surveillance programs for the previous 12 months of operation shall be submitted to the Regional Director of the Office of Inspection and Enforcement (with copy to Director of Nuclear Reactor Regulation) as a separate Volume (#1) of the Annual Environmental Operating Report by May 1 of each year. The report shall include summaries, interpretations, and statistical evaluation of the results of the nonradiological environmental surveillance activities (Section 3.0) for the reporting 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.

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5.6.2 Non-Routine Reports

A. Significant Adverse Environmental Impact

A report will be made within 24 hours by telephone and telegraph to the Regional Director of the Office of Inspection and Enforcement followed by a written report with a copy to the Director of the Office of Nuclear Reactor Regulation within 15 days. The telegraph report will quantify the occurrence, its causes and, if aspects of the Beaver Valley Unit #1 operation are among the causes, planned remedial action to the extent possible. The written report will fully describe the occurrence and will describe its causes and correction action as fully as possible.

B. Nonradiological Reporting Levels

In the event that a nonradioactive reporting level is reached, a written report will be made within 30 days of the sampling to the Director of the Office of Inspection and Enforcement with a copy to the Director of Office of Nuclear Reactor Regulation. The report will describe, analyze and evaluate the occurrence, including extent and magnitude of impact; describe the cause of the occurrence; and if aspects of the Beaver Valley Unit #1 operation are among the causes, indicate the correction action taken to preclude repetition of the occurrence.

(Deleted)

5.6.3 Changes in Environmental Technical Specifications

- A. Changes or additions to permits and certificates required by Federal, State, local or regional authorities for the protection of the environment will be reported. When the required change is submitted to the concerned agency for approval, it will also be submitted to the Director of the Nuclear Reactor Regulation, (cc to Regional Director to the Office of Inspection and Enforcement), for information.
- B. Request for changes in environmental technical specifications will be submitted to the Directorate of the Nuclear Reactor Regulation (cc to Regional Director of the Office of Inspection and Enforcement), for prior review and authorization. The request will include a description and an evaluation of the proposed change.

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5.7 RECORDS RETENTION

5.7.1 Plant Life-Time Records

Records of Environmental Surveillance data.

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

SAFETY EVALUATION BY THE OFFICE OF NUCLEAR REACTOR REGULATION  
RELATED TO AMENDMENT NO. 77 TO FACILITY OPERATING LICENSE NO. DPR-66

DUQUESNE LIGHT COMPANY

OHIO EDISON COMPANY

PENNSYLVANIA POWER COMPANY

BEAVER VALLEY POWER STATION, UNIT NO. 1

DOCKET NO. 50-334

Introduction

By letter dated November 3, 1983, Duquesne Light Company (the licensee) proposed to amend Operating License DPR-66 by eliminating in its entirety Appendix B. Appendix B consists of two types of environmental specifications: radiological and non-radiological. The latter type of specification is to be addressed by a separate action.

Discussion and Evaluation

Appendix B of the Operating License consists of two types of environmental Technical Specifications. The first type, which comprises most of Appendix B, has to do with limits on radiological effluents and their measurement. All of this type of specifications (RETS) have been incorporated into Appendix A of the license (Amendment No. 66, March 28, 1983). The presence of this type of specification in both Appendices A and B causes inconsistency and confusion.

We have reviewed this proposal of the licensee. The licensee's proposed RETS submitted on October 22, 1982, for inclusion in Appendix A of the license along with the associated reference document, "Offsite Dose Calculation Manual" submitted on December 1, 1982, meet the intent of NRC guidelines, in toto, as described in detail in the Safety Evaluation Report associated with Amendment No. 66. Thus, on the basis that all environmental specifications have been incorporated, similar specifications that are present in Appendix B can be eliminated.

ENVIRONMENTAL CONSIDERATION

We have determined that the amendment does not authorize a change in effluent types or total amounts nor an increase in power level and will not result in any significant environmental impact. Having made this determination, we have further concluded that the amendment involves an action which is insignificant from the standpoint of environmental impact, and pursuant to 10 CFR §51.5(d)(4), that an environmental impact statement, or negative declaration and environmental impact appraisal need not be prepared in connection with the issuance of this amendment.

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CONCLUSION

We have concluded, based on the considerations discussed above, that: (1) there is reasonable assurance that the health and safety of the public will not be endangered by operation in the proposed manner, and (2) 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 or security or to the health and safety of the public.

Dated: April 17, 1984

Principal Contributor:  
W. Meinke