

June 19, 1984

Docket No. 50-334

Mr. J. J. Carey, Vice President
Nuclear Division
Duquesne Light Company
Post Office Box 4
Shippingport, PA 15077

Dear Mr. Carey:

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The Commission has issued the enclosed Amendment No.78 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 17, 1983.

The amendment changes the Technical Specifications for Beaver Valley Unit No. 1 to delete the specifications and corresponding Bases for the containment mechanical vacuum pumps.

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,

/s/PTam

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

Enclosures:

1. Amendments No.78 to DPR-66
2. Safety Evaluation

cc: w/enclosures

See next page

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Mr. J. J. Carey
Duquesne Light Company

Beaver Valley Power Station
Unit 1

cc: Mr. W. S. Lacey
Station Superintendent
Duquesne Light Company
Beaver Valley Power Station
Post Office Box 4
Shippingport, PA 15007

Mr. K. Grada, Superintendent
of Licensing and Compliance
Duquesne Light Company
Post Office Box 4
Shippingport, PA 15077

Mr. John A. Levin
Public Utility Commission
Post Office Box 3265
Harrisburg, PA 17120

Gerald Charnoff, Esquire
Jay E. Silberg, Esquire
Shaw, Pittman, Potts and Trowbridge
1800 M Street, N.W.
Washington, DC 20036

Karin Carter, Esquire
Special Assistant Attorney General
Bureau of Administrative Enforcement
5th Floor, Executive House
Harrisburg, PA 17120

Marvin Fein
Utility Counsel
City of Pittsburgh
313 City-County Building
Pittsburg, PA 15219

Resident Inspector
U.S. Nuclear Regulatory Commission
Post Office Box 298
Shippingport, PA 15077

Department of Environmental Resources
ATTN: Director, Office of Radiolo-
gical Health
Post Office Box 2063
Harrisburg, PA 17105

Mr. Thomas J. Czerpah
Mayor of the Burrough of
Shippingport
Post Office Box 26
Shippingport, PA 15077

Pennsylvania Power Company
Ray E. Sempler
One E. Washington Street
New Castle, PA 16103

Ohio Environmental Protection Agency
Division of Planning
Environmental Assessment Section
Post Office Box 1049
Columbus, Ohio 43216

Office of the Governor
State of West Virginia
Charleston, West Virginia 25305

Charles A. Thomas, Esquire
Thomas and Thomas
212 Locust Street
Box 999
Harrisburg, PA 17108

Regional Radiation Representative
EPA Region III
Curtis Building - 6th Floor
Philadelphia, PA 19106

Governor's Office of State Planning
and Development
ATTN: Coordinator, Pennsylvania
State Clearinghouse
Post Office Box 1323
Harrisburg, PA 17120

Mr. Joseph H. Mills, Acting Commissioner
State of West Virginia Department
of Labor
1900 Washington Street
East Charleston, West Virginia 25305

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cc: N. H. Dyer, M.D.
State Director of Health
State Department of Health
1800 Washington Street, East
Charleston, West Virginia 25305

Irwin A. Popowsky, Esquire
Office of Consumer Advocate
1425 Strawberry Square
Harrisburg, PA 17120

Regional Administrator, Region I
U.S. Nuclear Regulatory Commission
631 Park Avenue
King of Prussia, PA 19406



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. 78
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 17, 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:

(2) Technical Specifications

The Technical Specifications contained in Appendices A and B, as revised through Amendment No. 78, 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. Varga, Chief
Operating Reactors Branch #1
Division of Licensing

Attachment:
Changes to the Technical
Specifications

Date of Issuance: June 19, 1984

ATTACHMENT TO LICENSE AMENDMENT

AMENDMENT NO. 78 TO FACILITY OPERATING LICENSE NO. DPR-66

DOCKET NO. 50-334

Revise Appendix A as follows:

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

SAFETY EVALUATION BY THE OFFICE OF NUCLEAR REACTOR REGULATION
SUPPORTING AMENDMENT NO. 78 TO FACILITY OPERATING LICENSING 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 17, 1983, Duquesne Light Company (the licensee) proposed to change the Technical Specifications set forth in Appendix A to the license by deleting the Mechanical Vacuum Pump technical specification and bases. No physical changes to the facility or equipment will be made as a result of this change. The Mechanical Vacuum pumps are installed in the facility and may continue to be used as needed by the licensee similarly to other equipment without technical specifications.

EVALUATION and DISCUSSION

The containment Mechanical Vacuum Pumps, two total, are part of the containment vacuum system and are used during normal operations to maintain containment internal pressure within limits. The containment vacuum system is not an engineered safety features system and the Mechanical Vacuum Pumps are not engineered safety feature equipment. The pumps do not prevent or mitigate design-bases accidents. Each has about 5 cfm capacity and their operation requires manual action by operators. The pumps discharge to the gaseous waste disposal system. They are standard design and without special requirements for exotic long-lead-time replacement parts. A complete replacement pump is maintained at the BVPS. The system design allows time for defective pump replacement or repair.

A containment steam vacuum ejector is the equipment used during start-up to reduce the containment pressure from atmospheric to subatmospheric in accordance with the normal start-up schedule. The containment Quench and Recirculation Spray Systems are used in the event of a DBA (Design Basis Accident) to ensure that containment depressurization and return to subatmospheric pressure will occur within one hour of the DBA event. During DBA conditions, the containment Mechanical Vacuum Pumps are automatically isolated and are not used to depressurize the containment.

Technical specification 3.6.1.4 is the controlling and more restrictive specification for primary containment internal air partial pressure and will not be affected by the removal of the Mechanical Vacuum pump specification and bases.

The staff finds that the proposed change to delete the Mechanical Vacuum pump specification and bases will not involve any physical change to the plant safety related systems, components or structures, will not increase the likelihood of a malfunction of safety related equipment, will not increase the consequences of an accident previously analyzed, nor create the possibility of a malfunction different from those previously evaluated. The staff therefore finds the licensee's requested change to delete the Mechanical Vacuum pump technical specification and bases to be acceptable.

ENVIRONMENTAL CONSIDERATION

This amendment involves a change in the installation or use of a facility component located within the restricted area. The staff has determined that the amendment involves no significant increase in the amounts of any effluents that may be released offsite and that there is no significant increase in individual or cumulative occupation radiation exposure. The Commission has previously issued a proposed finding that this amendment involves no significant hazards consideration and there has been no public comment on such finding. Accordingly, this amendment meets the eligibility criteria for categorical exclusion set forth in 10 CFR Sec 51.22(c)(9). Pursuant to 10 CFR 51.22(b) no environmental impact statement or environmental assessment need be prepared in connection with the issuance of this amendment.

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: June 19, 1984

Principal Contributor:

Donald L. Caphton