

Docket No. 50-334

AUG 13 1982

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

Dear Mr. Carey:

The Commission has issued the enclosed Amendment No. 56 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 transmitted by letters dated May 13, 1982.

The amendment revises Subsection b.3 of the surveillance requirement of Section 4.7.8.11, "Supplementary Leak Collection and Release System."

Copies of the Safety Evaluation and the Notice of Issuance are also enclosed.

Sincerely,

**ORIGINAL SIGNED**

Peter S. Tam, Project Manager  
Operating Reactors Branch #1  
Division of Licensing

**Enclosures:**

1. Amendment No. 56 to DPR-66
2. Safety Evaluation
3. Notice of Issuance

@c w/enclosures:  
See next page

DISTRIBUTION  
Docket DBrinkman  
NRC PDR ASLAB  
L PDR Gray  
NSIC  
ORB#1 Rdg  
DEisenhut  
OELD  
IE-2  
ACRS-10  
CParrish  
PTam  
OPA  
RDiggs  
TBarnhart-4  
LSchneider

8209140001 820813  
PDR ADOCK 05000334  
P PDR

OFFICE	ORB#1:DL	ORB#1:DL	ORB#1:DL	AD/OR:DL	OELD		
SURNAME	CParrish	PTam	Stanga	Glavin	SNG		
DATE	08/2/82	08/3/82	08/3/82	08/4/82	08/6/82		

*as to form of  
amit + BRW  
only*

Mr. J. J. Carey  
Duquesne Light Company

cc: Mr. H. P. Williams  
Station Superintendent  
Duquesne Light Company  
Beaver Valley Power Station  
Post Office Box 4  
Shippingport, Pennsylvania 15077

Mr. T. D. Jones, Manager  
Nuclear Operations  
Duquesne Light Company  
Post Office Box 4  
Shippingport, Pennsylvania 15077

B. F. Jones Memorial Library  
663 Franklin Avenue  
Aliquippa, Pennsylvania 15001

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

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

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

Mr. John A. Levin  
Public Utility Commission  
P.O. Box 3265  
Harrisburg, Pennsylvania 17120

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

Department of Environmental  
Resources  
ATTN: Director, Office of  
Radiological Health  
Post Office Box 2063  
Harrisburg, Pennsylvania 17105

Mr. Thomas J. Czerpah  
Mayor of the Burrough of  
Shippingport  
P.O. Box 26  
Shippingport, Pennsylvania 15077

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

Ohio Environmental Protection Agency  
Division of Planning  
Environmental Assessment Section  
P.O. 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, West Virginia 17108

Mr. J. J. Carey  
Duquesne Light Company

cc: Regional Radiation Representatives  
EPA Region III  
Curtis Building - 6th Floor  
Philadelphia, Pennsylvania 19106

Governor's Office of State Planning  
and Development  
ATTN: Coordinator, Pennsylvania  
State Clearinghouse  
P.O. Box 1323  
Harrisburg, Pennsylvania 17120

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

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, Pennsylvania 17120

Ronald C. Haynes  
Regional Administrator - Region I  
U. S. Nuclear Regulatory Commission  
631 Park Avenue  
King of Prussia, Pennsylvania 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. 56  
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 May 13, 1982, 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. 56, 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: August 13, 1982

ATTACHMENT TO LICENSE AMENDMENT

AMENDMENT NO. 56 TO FACILITY OPERATING LICENSE NO. DPR-66

DOCKET NO. 50-334

Revise Appendix A as follows:

Remove Page

3/4 7-20

Insert Page

3/4 7-20

## PLANT SYSTEMS

### SURVEILLANCE REQUIREMENTS (Continued)

2. Verifying that the HEPA filter banks remove 99% of the DOP when they are tested in-place in accordance with ANSI N510-1975 while operating the ventilation system at a flow rate of 36,000 cfm  $\pm$  10%.
  3. Subjecting the carbon contained in at least one test canister or at least two carbon samples removed from one of the charcoal adsorbers to a laboratory carbon sample analysis and verifying a removal efficiency of  $\geq 90\%$  for radioactive methyl iodide at an air flow velocity of 0.9 ft/sec  $\pm$  20% with an inlet methyl iodide concentration of 0.05 to 0.15 mg/m<sup>3</sup>,  $\geq 95\%$  relative humidity, and  $\geq 125^{\circ}\text{F}$ ; other test conditions shall be in accordance with USAEC RDT Standard M-16-1T, June 1972. The carbon samples not obtained from test canisters shall be prepared by either:
    - a) Emptying one entire bed from a removed adsorber tray, mixing the adsorbent thoroughly, and obtaining samples at least two inches in diameter and with a length equal to the thickness of the bed, or
    - b) Emptying a longitudinal sample from an adsorber tray, mixing the adsorbent thoroughly, and obtaining samples at least two inches in diameter and with a length equal to the thickness of the bed.
  4. Verifying a system flow rate of 36,000 cfm  $\pm$  10% during system operation.
- c. At least once per 18 months by:
1. Verifying that the pressure drop across the combined HEPA filters and charcoal adsorber banks is  $< 6$  inches Water Gauge while operating the ventilation system at a flow rate of 36,000 cfm  $\pm$  10%.



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

SAFETY EVALUATION BY THE OFFICE OF NUCLEAR REACTOR REGULATION  
RELATED TO AMENDMENT NO. 56 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 a letter dated May 13, 1982, the Duquesne Light Company (the licensee) proposed to amend its operating license DPR-66 for Beaver Valley, Unit No. 1. The licensee proposed to revise subsection b.3 of the surveillance requirement of Section 4.7.8.11, "Supplementary Leak Collection and Release System (SLCRS)", of the Technical Specifications. This revision would change the air flow velocity for performing the laboratory analysis for charcoal from 1.35 ft/sec to 0.9 ft/sec. This change in face velocity was proposed because the SLCRS was modified such that the number of carbon adsorber filters in the main filter banks was increased from 60 to 90. The addition of the filters decreased the average air flow velocity per cell from 600 scfm to 400 scfm while the total rated air flow per bank remained the same at 36,000 scfm.

Evaluation

Our evaluation of the proposed technical specification change was based upon position C.6 (Laboratory testing criteria for activated charcoal) of Regulatory Guide 1.52, Rev. 2, "Design, Testing and Maintenance Criteria for Atmospheric Cleanup System Air Filtration and Adsorption Units of Light-Water-Cooled Nuclear Power Plants." Position 6 refers to Table 2 of Regulatory Guide 1.52, which indicates the laboratory tests used charcoal samples must undergo in order to determine the acceptability of the charcoal for continued use in engineered-safety-feature filter systems. Table 2, in turn, refers to ANSI N509-1976 which refers to USAEC RDT Standard 16-1T.

The proposed face velocity for the laboratory analysis of the charcoal, while not in agreement with the value presented in RDT 16-1T, is a value which maintains the status quo. That is, decreasing the face velocity keeps the test residence time approximately equal to the actual system residence time which was the condition the existing surveillance requirement required. Therefore, we find the proposed change to subsection b.3 of surveillance requirement 4.7.8.11 acceptable.



### 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.

### Conclusion

We have concluded, based on the considerations discussed above, that: (1) because the amendment does not involve a significant increase in the probability or consequences of an accident previously evaluated, does not create the possibility of an accident of a type different from any evaluated previously, and does not involve a significant reduction in a margin of safety, the amendment does not involve a significant hazards consideration, (2) there is reasonable assurance that the health and safety of the public will not be endangered by operation in the proposed manner, and (3) 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.

Date: August 13, 1982

Principal Contributor:  
J. Hayes

UNITED STATES NUCLEAR REGULATORY COMMISSIONDOCKET NO. 50-334DUQUESNE LIGHT COMPANYOHIO EDISON COMPANYPENNSYLVANIA POWER COMPANYNOTICE OF ISSUANCE OF AMENDMENT TO FACILITY  
OPERATING LICENSE

The U. S. Nuclear Regulatory Commission (the Commission) has issued Amendment No. 56 to Facility Operating License No. DPR-66 issued to Duquesne Light Company, Ohio Edison Company, and Pennsylvania Power Company (the licensees), which revised Technical Specifications for operation of the Beaver Valley Power Station, Unit No. 1 (the facility) located in Beaver County, Pennsylvania. The amendment is effective as of the date of issuance.

The amendment revises Subsection b.3 of the surveillance requirement of Subsection 4.7.8.11, "Supplemental Leak Collection and Release System."

The application for 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. Prior public notice of this amendment was not required since this amendment does not involve a significant hazards consideration.

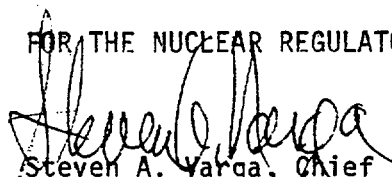
The Commission has determined that the issuance of this amendment will not result in any significant environmental impact and that pursuant to 10 CFR §51.5(d)(4) an environmental impact statement or negative declaration and environmental impact appraisal need not be prepared in connection with issuance of this amendment.

- 2 -

For further details with respect to this action, see (1) the application for amendment dated May 13, 1982, (2) Amendment No. 56 to License No. DPR-66 and (3) the Commission's related Safety Evaluation. 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 B. F. Jones Memorial Library, 663 Franklin Avenue, Aliquippa, Pennsylvania 15001. 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 Licensing.

Dated at Bethesda, Maryland, this 13 day of August, 1982.

FOR THE NUCLEAR REGULATORY COMMISSION

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