

Docket No. 50-334

MAR 12 1976

Mr. Earl J. Woolever  
Vice President  
Duquesne Light Company  
435 Sixth Avenue  
Pittsburgh, Pennsylvania 15219

Dear Mr. Woolever:

The Commission has issued the enclosed Amendment No. 1 for License No. DPR-66 for the Beaver Valley Power Station, Unit No. 1. This amendment is in response to your request dated March 11, 1976.

The amendment revises portions of the Technical Specifications and consists of (1) allowing certain specified containment isolation valves to be opened on an intermittent basis under administrative control, and (2) correcting an error in the location designation of a containment isolation valve.

Copies of the related Safety Evaluation and the Federal Register Notice are also enclosed.

Sincerely,

Original signed by R. C. DeYoung

R. C. DeYoung, Assistant Director  
for Light Water Reactors  
Division of Project Management

Enclosures:

1. Amendment No. 1 to  
License No. DPR-66
2. Federal Register Notice
3. Safety Evaluation

cc: see page 2

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OFFICE	LWR 5	LWR 5	ELD	LWR 5	AD: LWR
SURNAME	JL Gels	Angelo		DB Vassallo	RC DeYoung
DATE	3/12/76	3/12/76	3/12/76	3/12/76	3/12/76

Mr. Earl J. Woolever

- 2 -

MAR 12 1976

Ohio Edison Company  
47 North Main Street  
Akron, Ohio 44303

Pennsylvania Power Company  
One East Washington Street  
New Castle, Pennsylvania 16103

Mr. R. A. Heiss, Coordinator  
Pennsylvania State Clearinghouse  
Governor's Office of State  
Planning and Development  
P. O. Box 1323  
Harrisburg, Pennsylvania 17120  
(w/o enclosures)

Mr. Thomas M. Gerusky, Director  
Office of Radiological Health  
Department of Environmental Resources  
P. O. Box 2063  
Harrisburg, Pennsylvania 17105  
(w/2 enclosures)

John W. Cashman, M. D.  
Director of Health  
Ohio Department of Health  
450 East Town Street  
Columbus, Ohio 43216

Honorable Arch A. Moore, Jr.  
Governor of West Virginia  
Charleston, West Virginia

N. H. Dyer, M. D.  
State Director of Health  
State Department of Health  
State Office Building No. 1  
1800 Washington Street, East  
Charleston, West Virginia 25305

Mr. Carl Frasure  
Committee of State Officials on  
Suggested State Legislation  
Department of Political Science  
West Virginia University  
Morgantown, West Virginia 26505

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

Honorable Thomas J. Czerpah  
Mayor of the Burrough of Shippingport  
Cotter Road  
Shippingport, Pennsylvania 15077

Chief, TIRB  
Technology Assessment Division  
Office of Radiation Programs  
U.S. Environmental Protection Agency  
Room 647A East Tower  
Waterside Mall  
401 M Street, S. W.  
Washington, D. C. 20460  
(w/2 enclosures)

Mr. Robert Blanco  
U.S. Environmental Protection Agency  
Curtis Building  
6th and Walnut Streets  
Philadelphia, Pennsylvania 19106

Mr. Bruce Blanchard  
Environmental Projects Review  
U.S. Department of the Interior  
Room 5321  
18th and C Streets, N. W.  
Washington, D. C. 20240

Mr. Sheldon Myers  
ATTN: Jack Anderson  
Office of Federal Activities  
U.S. Environmental Protection Agency  
Room W-541, Waterside Mall  
401 M Street, S. W.  
Washington, D. C. 20460

Colonel Howard Sargent  
Executive Director of Civil Works  
Office of the Chief of Engineers  
Corps of Engineers  
U.S. Department of the Army  
Forrestal Building, Room 4-G060  
Washington, D. C. 20314

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. 1  
License No. DPR-66

1. The Nuclear Regulatory Commission (the Commission) has found that:
  - A. The application for amendment by Duquesne Light Company, filed on behalf of itself, Ohio Edison Company, and Pennsylvania Power Company, (the licensees) dated March 11, 1976, 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. An environmental statement or negative declaration need not be prepared in connection with the issuance of this amendment.
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-66 is hereby amended to read as follows:

OFFICE						
SURNAME						
DATE						

"(2) Technical Specifications

The Technical Specifications contained in Appendices A and B, as revised, are hereby incorporated in License No. DPR-66. Duquesne Light Company shall load fuel and perform tests in accordance with the Technical Specifications, as revised."

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

FOR THE NUCLEAR REGULATORY COMMISSION

R. C. DeYoung, Assistant Director  
for Light Water Reactors  
Division of Project Management

Attachment:  
Changes to the  
Technical Specifications

Date of Issuance:

OFFICE >	LWR 5	LWR 5	ELD	LWR 5	AD: LWR
SURNAME >	JLee.els	Angelo		DBVassallo	RCDYoung
DATE >	3/12/76	3/12/76	3/ /76	3/12/76	3/12/76

ATTACHMENT TO LICENSE AMENDMENT NO. 1  
TO FACILITY LICENSE NO. DPR-66

Revise Appendix A as follows:

1. Add an asterisk (\*) to Items 4, 31, 32, 39, and 71 of Valve List D. Manual of Table 3.6-1.
2. Add as asterisk (\*) to all items of Valve List H. Containment Air Lock (Manual) of Table 3.6-1.
3. Move Item 4 (MOV-CH142) from the "Outside" column to the "Inside" column of Table 3.6-1.

OFFICE ➤					Amendment No. 1	
SURNAME ➤					Date of Issuance:	
DATE ➤						

UNITED STATES NUCLEAR REGULATORY COMMISSION

DOCKET NO. 50-334

DUQUESNE LIGHT COMPANY, ET AL

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. 1 to Facility Operating License No. DPR-66, issued to Duquesne Light Company, Ohio Edison Company, and Pennsylvania Power Company which revised Technical Specifications for operation of the Beaver Valley Power Station, Unit No. 1, located in Beaver County, Pennsylvania. The amendment is effective as of its date of issuance.

The amendment revises portions of the Technical Specifications and consists of (1) allowing certain specified containment isolation valves to be opened on an intermittent basis under administrative control, and (2) correcting an error in the location designation of a containment isolation valve.

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. Prior public notice of this amendment is not required since the amendment does not involve a significant hazards consideration.

OFFICE ➤						
SURNAME ➤						
DATE ➤						

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

For further details with respect to this action, see (1) the application for amendment dated March 11, 1976, (2) Amendment No. 1 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 Beaver Valley Memorial Library, 100 College Avenue, Beaver, Pennsylvania.

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 Project Management.

Dated at Bethesda, Maryland, this 12th day of March 1976.

FOR THE NUCLEAR REGULATORY COMMISSION

Original  
B. B. Vassallo

D. B. Vassallo, Chief  
Light Water Reactors Branch No. 5  
Division of Project Management

OFFICE >	LWR 5	LWR 5	<del>ELD</del>	LWR 5	
SURNAME >	J. J. C. S.	J. J. C. S.		DBVassallo	
DATE >	3/12/76	3/12/76	3/ /76	3/ 1976	



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

SAFETY EVALUATION BY THE OFFICE OF NUCLEAR REACTOR REGULATION  
SUPPORTING AMENDMENT NO. 1 TO FACILITY OPERATING LICENSE NO. DPR-66

DUQUESNE LIGHT COMPANY

OHIO EDISON COMPANY

AND

PENNSYLVANIA POWER COMPANY

BEAVER VALLEY POWER STATION UNIT 1

DOCKET NO. 50-334

Introduction

By letter dated March 11, 1976, Duquesne Light Company requested a change to the Technical Specifications appended to Facility Operating License No. DPR-66 for the Beaver Valley Power Station Unit 1. The proposed change consists of revised portions of Table 3.6-1, Containment Isolation Valves, and involves allowing certain additional valves to be opened on an intermittent basis under administrative control. These valves are air pressure equalizing valves in the containment air lock, reactor coolant system letdown and fill line valves, accumulator makeup line valve, and boron injection line valve.

Discussion

The change proposed by Duquesne Light Company includes valves which were unintentionally omitted from the class of valves that can be permitted to be opened on an intermittent basis under administrative control while the plant is being operated in OPERATIONAL MODES 1, 2, 3, and 4 (as defined in Table 1.1 of Appendix A to the operating license). These valves are required to be opened on an intermittent basis to perform essential operating functions and, as in the case of the pressure equalizing valves in the containment air lock, to permit entry into the containment.



Specifically, Duquesne Light Company has requested that the following valves, now listed in Table 3.6-1, Containment Isolation Valves, be designated as valves that are permitted to be opened on an intermittent basis under administrative control:

1. In Valve List D of Table 3.6-1:
  - (a) Item 4 which is in the reactor coolant system letdown from the residual heat removal system.
  - (b) Item 31 which is in the reactor coolant system fill line.
  - (c) Item 32 which is in the makeup line to the accumulators.
  - (d) Item 39 which is in the deadweight calibrator line from the pressurizer.
  - (e) Item 71 which is in the boron injection.
2. In Valve List H of Table 3.6-1:
  - (a) Items 1, 2, 3, and 4 which are the solenoid-operated pressure equalization valves of the containment air lock.
  - (b) Item 5 which is the manual block valve in the line in series with Items 1 and 2 above.

#### Evaluation

We have reviewed the proposed change to the Technical Specifications which would allow the specified valves to be opened on an intermittent basis under administrative control. In each case we find that other isolation provisions have been provided. These provisions consist of added check valves in the lines or a closed piping system either inside or outside of containment, or a combination of such provisions.

The valve listed as Item 4 (Valve List D) in the above discussion is in the residual heat removal system and is not exposed to the high pressure of the reactor coolant system during plant operation at pressures above about 400 pounds per square inch. In addition, there is an automatic isolation valve downstream of the valve listed as Item 4.

The valve listed as Item 31 (Valve List D) is in a line with a check valve upstream of the valve and at the pump discharge.

The valve listed as Item 32 (Valve List D) is in a line with a check valve upstream. In addition, the line terminates at the accumulators.

The valve listed as Item 39 (Valve List D) terminates at a deadweight tester and is a closed, fluid-filled system.

The valve listed as Item 71 (Valve List D) is protected by two check valves in series upstream. Also, under accident conditions, the high-pressure charging pump provides a pressure seal on the line.

The valves listed as Items 1, 2, 3, and 4 (Valve List H) are in the containment air lock and form a series path. These valves are automatically actuated in series in such a manner as to prevent a leakage path from containment to the outside atmosphere. The valve listed as Item 5 (Valve List H) is in series with valves listed as Items 1 and 2.

#### Conclusion

We have concluded, based on the considerations discussed above, that: (1) because the change does not involve a significant increase in the probability or consequences of accidents previously considered and does not involve a significant decrease in a safety margin, the change 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 these amendments will not be inimical to the common defense and security or to the health and safety of the public.

Date: March 12, 1976