Duquesne Light

Nuclear Group
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July 17, 1985

Mr. Harold R. Denton, Director
Office of Nuclear Reactor Regulation
United States Nuclear Regulatory Commission
Washington, DC 20555

Reference: Beaver Valley Power Station, Unit No. 1
Docket No. 50-334, License No. DPR-66
Updated Final Safety Analysis Report, Revision 3, January 1985

Gentlemen:

Enclosed are thirteen (13) copies of the Revision 3 replacement pages for the Beaver Valley Power Station, Unit No. 1 Updated Final Safety Analysis Report (FSAR).

Revision 3 is submitted in accordance with 10CFR50.71(e). To our best judgement and ability, this revision accurately presents changes necessary to reflect information and analysis submitted to the Commission or prepared pursuant to Commission requirement. This includes changes identified in the 1984 "Report of Facility Changes, Tests and Experiments" which is submitted under the provisions of 10CFR50.59. Editorial changes intended to correct or clarify the text of the Updated FSAR are also included in this revision.

The Final Safety Analysis Report Quality Assurance Program description (FSAR, Appendix A) has been revised to reflect changes in Duquesne Light Company's management structure. These changes have been reviewed against the requirements of 10CFR50.54(a)(3) and it has been determined that the changes do not reduce the commitments in the QA program description previously accepted by the NRC. Therefore, reporting pursuant 10CFR50.54(a)(3) is satisfied via this submittal meeting the reporting requirements of 10CFR50.71.

FSAR Table 6.3-9, Nominal (Design) External Recirculation Loop Leakage, was revised to include potential leakpaths resulting from the addition of Charging Pump Spool Pieces (DCP 368). Due to this increase in the number of potential safety injection recirculation loop leak paths, the post LOCA radiological consequences were reanalyzed to establish limiting acceptable leakrates. The maximum leak rate criterion for Engineered Safety Feature

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(ESF) leakage was established at 1.94×10^4 cc/hr (Reference: revision to FSAR Page 14.3-49). This new leakrate represents an increase in acceptable leakage over the previous FSAR value of 1.57×10^3 cc/hr. However, the new leakrate is only 10% of the maximum leakrate that falls within the dose limitations of 10CFR100, and is also substantially less than the Technical Specification limit on identified leakage.

Since the Updated FSAR is a controlled document subject to periodic revision and is intended to be used in recurring safety analyses, it is requested that you acknowledge receipt of the enclosed replacement pages. For your convenience in doing this, a Receipt Verification Form has been provided for you to complete and return. Your cooperation in this regard would be most appreciated.

Very truly yours,

J. J. Carey

J. J. Carey
Vice President, Nuclear

Attachments

cc: Mr. W. M. Troskoski, Resident Inspector
U. S. Nuclear Regulatory Commission
Beaver Valley Power Station
Shippingport, PA 15077

U. S. Nuclear Regulatory Commission
Dr. Thomas E. Murley, Regional Administrator
Region 1
631 Park Avenue
King of Prussia, PA 19406

U. S. Nuclear Regulatory Commission
c/o Document Management Branch
Washington, DC 20555

UNITED STATES OF AMERICA
NUCLEAR REGULATORY COMMISSION

In the Matter of	)	
	)	Docket No. 50-334
Duquesne Light Company	)	
(Beaver Valley Power Station, Unit No. 1)	)	

Submittal of the Annual Revision
to the Updated FSAR

Pursuant to Section 50.71(e) of the regulations of the U. S. Nuclear Regulatory Commission (NRC), Duquesne Light Company (DLC), holder of Provisional Operating License No. DPR-66, hereby submits the current annual revision to the Updated Final Safety Analysis Report, Revision 3, January 1985 for Beaver Valley Power Station Unit Number 1 (BVPS-1).

To my best personal knowledge and belief, this revision to the Updated FSAR as submitted accurately presents changes necessary to reflect information and analyses submitted to the NRC or prepared pursuant to NRC Requirement.

Duquesne Light Company

By J. J. Carey
J. J. Carey
Vice President, Nuclear

Subscribed and sworn to before me
on this 19th day of July 1984.

Sheila M. Fattore

SHEILA M. FATTORE, NOTARY PUBLIC
SHIPPINGPORT BORO, BEAVER COUNTY
MY COMMISSION EXPIRES SEPT. 16, 1985
Member, Pennsylvania Association of Notaries

DUQUESNE LIGHT COMPANY
Nuclear Group

Beaver Valley Power Station
Unit No. 1

RECEIPT VERIFICATION FORM

Please sign and return this form to:

Duquesne Light Company
Beaver Valley Power Station, Unit No. 1
P.O. Box 4
Shippingport, PA 15077
Attn: J. V. Vassello
Director, Licensing

I have received Revision 3 replacement pages for the Beaver Valley Power Station, Unit No. 1 Updated Final Safety Analysis Report.

_____
Recipient

_____
Name of Organization or Group

_____
Control Copy Number (from inside UFSAR cover) Date