



50-334

UNITED STATES
NUCLEAR REGULATORY COMMISSION

WASHINGTON, D.C. 20555-0001

May 1, 1996

Mr. J. E. Cross
Senior Vice President and
Chief Nuclear Officer
Nuclear Power Division
Duquesne Light Company
Post Office Box 4
Shippingport, PA 15077

SUBJECT: EVALUATION OF FLAW INDICATION IN REACTOR COOLANT SYSTEM (RCS) COLD
LEG PIPE WELD, BEAVER VALLEY POWER STATION, UNIT NO. 1 (BVPS-1) (TAC
NO. M95232)

Dear Mr. Cross:

By letter dated April 23, 1996, Duquesne Light Company (DLC) submitted for NRC review and approval, DLC's analytical evaluation of a flaw indication identified during a non-destructive examination (NDE) of a weld in the RCS "C" cold leg. The NDE was a routine, scheduled examination being conducted in accordance with the requirements of Section XI of the ASME Boiler and Pressure Vessel Code. This examination was being conducted while BVPS-1 was in its eleventh refueling outage and in the third period of the second ten-year inservice inspection interval.

The NRC staff confirmed the presence of this flaw indication during an independent inspection on April 25, 1996. The NRC staff concluded that this flaw indication was crack like and was in the fusion zone on the pipe side of the weld with a length of 2-1/2 inches circumferentially and judged the maximum depth to be no greater than 1 inch. The details of our independent inspection will be documented in NRC Integrated Inspection Report 50-334/96-04 and 50-412/96-04.

The NRC staff has reviewed DLC's evaluation of this flaw indication and has determined that this flaw is acceptable for continued service until the end of service lifetime provided DLC reexamines this weld during each of the next three 40-month periods.

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PDR ADOCK 05000334
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- 2 -

Our evaluation of this flaw indication is provided in the enclosed safety evaluation. Please contact me at (301)-415-1409 if you have any questions regarding this matter.

Sincerely,

/s/

Donald S. Brinkman, Senior Project Manager
Project Directorate I-2
Division of Reactor Projects - I/II
Office of Nuclear Reactor Regulation

Docket No. 50-334

Enclosure: Safety Evaluation

cc w/encl: See next page

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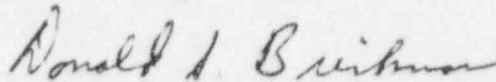
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Sincerely,



Donald S. Brinkman, Senior Project Manager
Project Directorate I-2
Division of Reactor Projects - I/II
Office of Nuclear Reactor Regulation

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cc w/encl: See next page

J. E. Cross
Duquesne Light Company

Beaver Valley Power Station
Units 1 & 2

cc:

Jay E. Silberg, Esquire
Shaw, Pittman, Potts & Trowbridge
2300 N Street, NW.
Washington, DC 20037

R. K. Brosi, Manager
Nuclear Safety Department (BV-A)
Duquesne Light Company
Beaver Valley Power Station
PO Box 4
Shippingport, PA 15077

Commissioner Roy M. Smith
West Virginia Department of Labor
Building 3, Room 319
Capitol Complex
Charleston, WVA 25305

John D. Borrows
Director, Utilities Department
Public Utilities Commission
180 East Broad Street
Columbus, OH 43266-0573

Director, Pennsylvania Emergency
Management Agency
Post Office Box 3321
Harrisburg, PA 17105-3321

Ohio EPA-DERR
ATTN: Zack A. Clayton
Post Office Box 1049
Columbus, OH 43266-0149

Dr. Judith Johnsrud
National Energy Committee
Sierra Club
433 Orlando Avenue
State College, PA 16803

Bureau of Radiation Protection
Pennsylvania Department of
Environmental Resources
ATTN: R. Barkanic
Post Office Box 2063
Harrisburg, PA 17120

Mayor of the Borough of
Shippingport
Post Office Box 3
Shippingport, PA 15077

Regional Administrator, Region I
U.S. Nuclear Regulatory Commission
475 Allendale Road
King of Prussia, PA 19406

Resident Inspector
U.S. Nuclear Regulatory Commission
Post Office Box 181
Shippingport, PA 15077

George S. Thomas
Vice President, Nuclear Services
Nuclear Power Division
Duquesne Light Company
P.O. Box 4
Shippingport, PA 15077