



Duquesne Light

435 Sixth Avenue
Pittsburgh, Pennsylvania
15219

(412) 456-6000

July 11, 1979

Mr. Harold R. Denton
Director of Nuclear Reactor Regulation
United States Nuclear Regulatory Commission
Attention: A. Schwencer, Chief
Operating Reactors Branch No. 1
Division of Operating Reactors
Washington, DC 20555

Reference: Beaver Valley Power Station, Unit No. 1
Docket No. 50-334
Request to Modify the Commission's March 13, 1979
"Order to Show Cause"

Gentlemen:

Enclosed are three (3) signed originals and thirty-seven (37) copies of Revision 1 to the "Report on the Reanalysis of Safety Related Piping Systems for Beaver Valley No. 1 Unit". This revision consists of replacement pages to the original report submitted to you on June 19, 1979 and includes responses to certain questions received from the staff in a telephone conversation on June 28, 1979.

The status of the reanalysis effort has been updated, and a summary provided of the results of the reanalysis of safety related piping at Beaver Valley Unit 1 performed to date.

As described in the revision to the report, a total of seven piping supports will be modified and two new supports, consisting of a total of three mechanical snubbers, will be installed. The completion of these modifications will assure that the occurrence of the safe shutdown earthquake for Beaver Valley Unit 1 will not result in seismic loads on piping systems which will impair the functional capability of engineered safety features or the emergency core cooling systems, or prevent the maintenance of safe shutdown conditions, or result in irreparable damage to systems required to bring the plant to a cold shutdown condition.

As of this date, the Analysis of the Reactor Coolant Pressure Boundary is complete and acceptable with the modification of four supports. All other systems required for safe shutdown either have been found completely acceptable or have been judged to be acceptable based on short term criteria.

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Beaver Valley Power Station, Unit No. 1

Plant No. 50-35

Request to Modify the Commission's March 13, 1979

"Order to Show Cause"

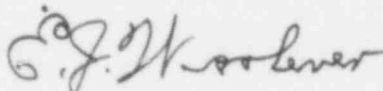
Page 2 -

The Station Onsite Safety Committee and the Company Offsite Review Committee have determined that the facility may be safely operated once the identified modifications are completed and that no unreviewed safety question, as defined by 10CFR50.59, will exist.

We, therefore, request that so much of the Commission's March 13, 1979 Order which requires the plant to remain in a shutdown condition be modified at this time to permit interim operation of the unit until the time for refueling. We estimate that the reactor will be ready for refueling after operation for a period of six to seven weeks following startup.

The balance of the current reanalysis effort will continue during this interim operation in order to identify required modifications for the remaining piping systems analyzed with Shock II -- i.e., those piping systems which are not required for safe shutdown capability or not associated with the engineered safety features or the emergency core cooling systems -- and any additional modifications will be completed during the second refueling period.

Very truly yours,



E. J. Woolever
Vice President, Engineering
and Construction

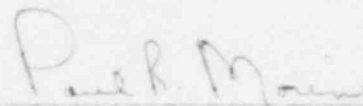
Enclosure

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COMMONWEALTH OF PENNSYLVANIA)
) SS:
COUNTY OF ALLEGHENY)

On this 11th day of July, 1979 before me,
PAUL R. MORIN, a Notary Public in and for said
Commonwealth and County, personally appeared E. J. Woolever
who being duly sworn, disposed, and said that (1) he is
Vice President of Duquesne Light Company, (2) he is duly
authorized to execute and file the foregoing information
on behalf of said Company, and (3) the statements set
forth in the Information are true and correct to the best
of his knowledge, information and belief.

WITNESS my hand and seal the day and year first
above written.



PAUL R. MORIN, Notary Public
PITTSBURGH, ALLEGHENY COUNTY, PA.
MY COMMISSION EXPIRES
MARCH 10, 1983

541 039

INSTRUCTIONS FOR ADDING REVISION 1 TO THE
REPORT ON THE REANALYSIS OF SAFETY-RELATED PIPING SYSTEMS

The following listing will serve as a checklist for entering the attached pages into the report. The items listed in the "REMOVE" column should be removed from the report and replaced with the items in the "ENTER" column. Vertical bars (change bars) have been placed in the outside margins of revised text pages and tables to show the location of any technical changes originating with this amendment. Some pages bear a new amendment designation, but no change bars, because revisions on other pages in that section caused a text shift. A few unrevised pages have been reprinted because they fall within a run of closely spaced revised pages. No change bars are used on figures or on new sections, appendices, questions and responses, etc. Change bars from previous amendments have been deleted on pages revised by this amendment. The instruction sheet and cover letter should be filed at the beginning of the report.

REMOVE

Title page
p. 1-2
-
p. 3-1 thru 3-19
Table 3-1
-
p. 4-1 thru 4-3
Table 4-1 (7 pages)
Table 4-2 (5 pages)
p. 5-1 thru 5-3
Table 5-1 (5 pages)
Table 5-2 (6 pages)
p. 6-2
p. 7-1
p. 8-3
p. 8-4
p. 8-6
p. A-1 thru A-8
p. B-1 thru B-4
Table B-2 (3 pages)
Table B-3 (3 pages)
p. C-1
Fig. 6.3-1
Fig. 6.3-2
Fig. 9.3-1
-
p. D-1
Fig. 4-2
Fig. 6.3-1
Fig. 6.3-2
Fig. 6.4-1
Fig. 9.1-1

ENTER

Title page
p. 1-2 thru 1-3
Table 1-1
p. 3-1 thru 3-27
Table 3-1
Table 3-2 (4 pages)
p. 4-1 thru 4-3
Table 4-1 (8 pages)
Table 4-2 (6 pages)
p. 5-1 thru 5-3
Table 5-1 (6 pages)
Table 5-2 (3 pages)
p. 6-2
p. 7-1 and 7-2
p. 8-3
p. 8-4
p. 8-6
p. A-1 thru A-9
p. B-1 thru B-4
Table B-2 (1 page)
Table B-3 (4 pages)
p. C-1
Fig. 6.3-1
Fig. 6.3-2
Fig. 9.3-1
Fig. RM-53A (after Fig. 10.3-5)
p. D-1
-
-
-
Fig. 6.4-1
-

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REMOVE

Fig. 9.3-1
Fig. 9.4-1
Fig. 9.5-1
Fig. 10.3-1
Fig. 10.3-6
Fig. RM-53A
p. H-6
-
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ENTER

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Fig. 9.4-1
Fig. 9.5-1
-
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p. H-6
p. H-15
p. H-16

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