

Duquesne Light Company

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GEORGE S. THOMAS
Division Vice President
Nuclear Services
Nuclear Power Division

January 31, 1996

U. S. Nuclear Regulatory Commission
Attention: Document Control Desk
Washington, DC 20555-0001

Subject: Beaver Valley Power Station, Unit No. 1
Docket No. 34, License No. DPR-66
Summary Report for Resolution of Unresolved Safety Issue A-46.
(TAC No. M69428)

- References:
1. USNRC Letter, "Verification of Seismic Adequacy of Mechanical and Electrical Equipment in Operating Reactors, Unresolved Safety Issue (USI) A-46 (Generic Letter 87-02)," dated February 19, 1987.
 2. USNRC Letter, "Supplement No. 1 to Generic Letter (GL) 87-02 that transmits Supplemental Safety Evaluation Report No. 2 (SSER No. 2) on SQUG Generic Implementation Procedure, Revision 2, as corrected on February 14, 1992, (GIP - 2)," dated May 22, 1992.
 3. SQUG Procedure, "Generic Implementation Procedure (GIP) for Seismic Verification of Nuclear Plant Equipment," Revision 2, corrected 2/14/92.
 4. Duquesne Light Company Letter, "Response to Supplement 1 to Generic Letter 87-02 on SQUG Resolution of USI A-46 (TAC 69428)," dated September 22, 1992.
 5. Duquesne Light Company Letter, "Supplement 1 to Generic Letter 87-02 on SQUG Resolution of USI A-46 (TAC 69428)," dated February 19, 1993.
 6. Duquesne Light Company Letter, "Revision of the Submittal Date for the Seismic Evaluation Report TAC No. M69428," dated April 26, 1995.

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BACKGROUND

In Generic Letter (GL) 87-02 (Reference 1), the NRC Staff set forth the process for resolution of USI A-46 and encouraged utilities to participate in a generic program. In Supplement 1 to GL 87-02 (Reference 2), the Staff requested a response to include a commitment to the Generic Implementation Procedure, Revision 2, GIP-2 (Reference 3) prepared by the Seismic Qualification Group (SQUG), a schedule for the implementation of GIP-2, and a submission of a report summarizing the results of the A-46 program. By letters to the NRC (References 4 and 5), Duquesne Light Company (DLC) committed to implement GIP-2, including the clarification, interpretations, and exceptions in Supplemental Safety Evaluation Report No. 2 (SSER No. 2) transmitted by Reference 2, and to communicate to the NRC significant or programmatic deviations from the guidance portions of the GIP, if any. By letter dated April 26, 1995 (Reference 6), DLC provided a revised schedule for the submittal of the report summarizing the results of the A-46 program for the Beaver Valley Power Station (BVPS) Unit 1.

USI A-46 REPORT

Section I.2.2.8 of GIP-2 specifies that a plant-specific summary report be submitted to the NRC, including a proposed schedule for modifications or replacement of outliers which are to be resolved. In addition, Section II.9 of GIP-2 addresses the Safe Shutdown Equipment List (SSEL), the Relay Evaluation, the Seismic Evaluation, and the Completion Letter. This submittal constitutes the Summary Report. Attachment 1 includes the A-46 Seismic Evaluation Report and Attachment 2 includes the A-46 Relay Evaluation Report. As permitted in Section II.9.2 of GIP-2, the pertinent results from the SSEL Report are included in the attached reports. It is also confirmed that no significant or programmatic deviations from the guidance portions of the GIP were made during the BVPS Unit 1 A-46 resolution process.

USI A-46 EVALUATION OUTLIERS

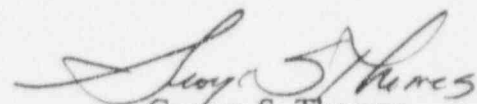
As defined by GIP-2, outliers were identified during the seismic and relay reviews. These outliers are described in detail in the attached reports.

Each of the outliers identified during the implementation of the BVPS Unit 1 A-46 program was evaluated against the existing BVPS Unit 1 licensing and design bases for equipment seismic qualification. There were two deviations identified during the seismic reviews and no deviations identified during the relay review. The deviations and the actions taken to resolve the deviations are provided in Attachment 1.

The plan for resolution, modification and replacement of equipment and relays for those outliers which have not been resolved is provided in Sections 5.3 and 8 of the A-46 Seismic Evaluation Report and Section 2 of the A-46 Relay Evaluation Report. After the planned actions for resolution of USI A-46 have been completed, a Completion Letter will be provided.

If there are questions regarding this letter, please contact Roy K. Brosi, Manager, Nuclear Safety Department at (412) 393-5210.

Sincerely,



George S. Thomas

Attachments

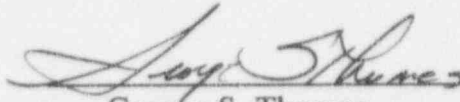
- c: Mr. L. W. Rossbach, Sr. Resident Inspector
- Mr. T. T. Martin, NRC Region I Administrator
- Mr. D. S. Brinkman, Sr. Project Manager

AFFIDAVIT

COMMONWEALTH OF PENNSYLVANIA))
COUNTY OF BEAVER) SS:
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**Subject: Beaver Valley Power Station, Unit No. 1
BV-1 Docket No. 50-334, License No. DPR-66
Summary Report for Resolution of Unresolved Safety Issue A-46
(TAC No. M69428)**

Before me, the undersigned notary public, in and for the County and Commonwealth aforesaid, this day personally appeared George S. Thomas, to me known, who being duly sworn according to law, deposes and says that he is Division Vice President, Nuclear Services of the Nuclear Power Division, Duquesne Light Company, he is duly authorized to execute and file the foregoing submittal on behalf of said Company, and the statements set forth in the submittal are true and correct to the best of his knowledge, information and belief.


George S. Thomas

Subscribed and sworn to before me

on this 31st day of January, 1996


Notary Public

