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SUBJECT: Provides final response to GL 92-01, rev 1, suppl 1, "Reactor Vessel Structural Integrity."

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NOV 17 1995

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**SUSQUEHANNA STEAM ELECTRIC STATION
FINAL RESPONSE TO GENERIC LETTER 92-01
REVISION 1, SUPPLEMENT 1
PLA-4392 FILE R41-2**

Docket Nos. 50-387
and 50-388

- References :*
- PLA-3060 from H. W. Keiser to USNRC, "Response to Generic Letter 88-01," dated August 10, 1988.*
 - PLA-3804 from H. W. Keiser to USNRC, "Response to Generic Letter 92-01," dated July 8, 1992.*
 - PLA-4031 from R. G. Byram to USNRC, "Supplemental Response to Generic Letter 92-01," dated October 7, 1993.*
 - PLA-4160 from R. G. Byram to USNRC, "Supplemental Response to Generic Letter 92-01, Revision 1," dated June 23, 1994.*
 - PLA-4355 from R. G. Byram to USNRC, "Initial Response to Generic Letter 92-01, Revision 1, Supplement 1," dated August 18, 1995.*

This letter provides PP&L's response to "Required Information" parts 2, 3 and 4 of Generic Letter 92-01 Revision 1, Supplement 1, "Reactor Vessel Structural Integrity."

Required Information - Part 2

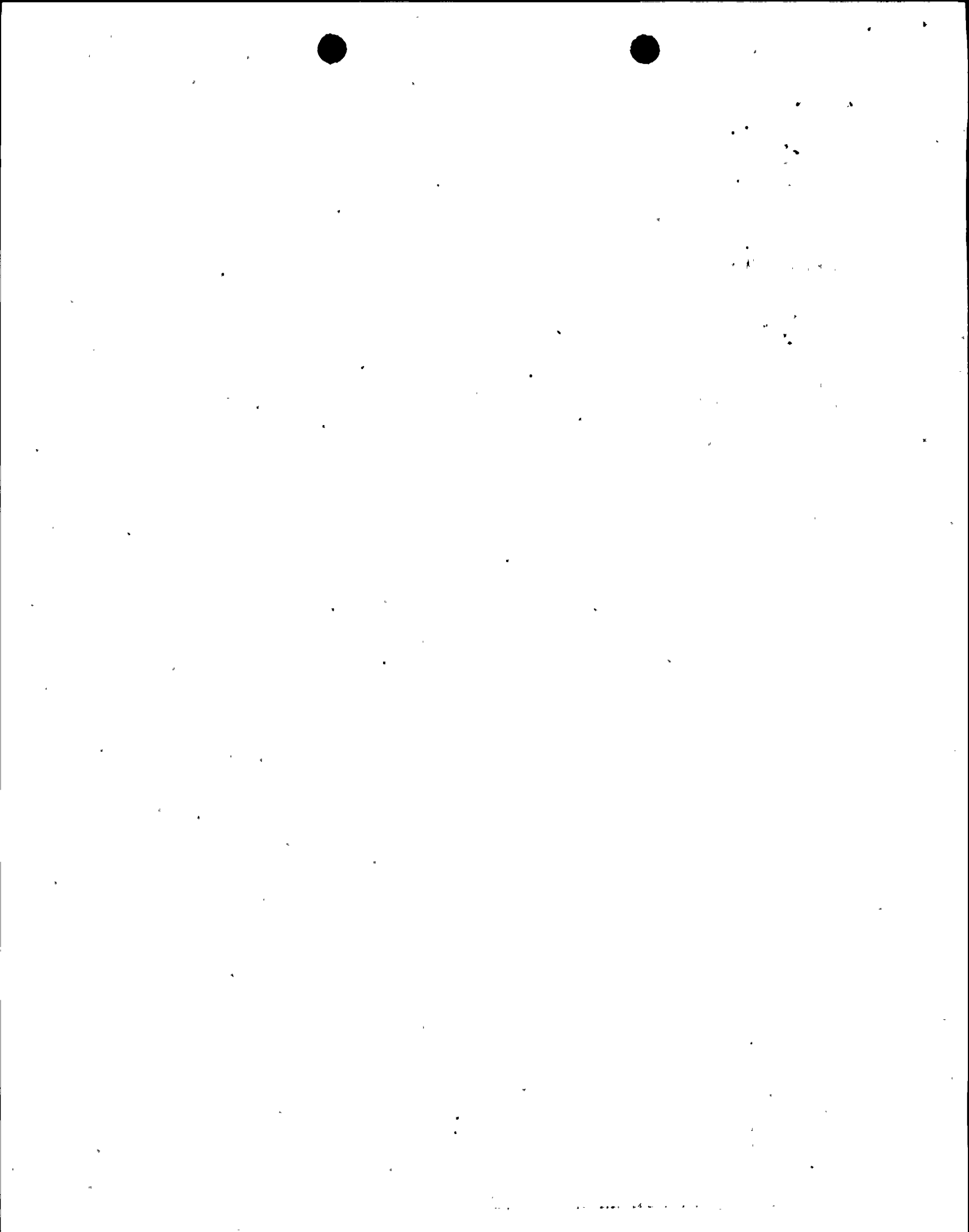
Required Action

..."an assessment of any change in best-estimate chemistry based on consideration of all relevant data;"

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PP&L Response

Metal heat data on file with PP&L was compared with:

- NRC supplied data in the "RVID Version 1.1" database,
- BWRVIP supplied data in the "Bounding Assessment of BWR/2-6 Reactor Pressure Vessel Integrity Issues" dated November 3, 1995, (draft), and
- Westinghouse Owner's Group (WOG) supplied data in the WOG "RPV DATA" database.

PP&L has confirmed the accuracy of our data. Furthermore, PP&L is not aware of additional data on the "heats of metal" used to manufacture the Susquehanna vessels. Since both Susquehanna units were manufactured at the same time and at the same location, they share some of the same heats of base metal and welds.

One Susquehanna Unit 2 weld heat is common to another utilities' RPV. Weld heat #09M057, Flux lot C109A27A, was also used on the Limerick Units 1 and 2. The percent Cu and Ni reported for each vessel were the same (0.03% Cu and 0.89% Ni).

Additionally, based on the data available, no base metal heats used for the Susquehanna vessels are shared with any other reactor vessels.

Required Information - Part 3

Required Action

..."a determination of the need for use of the ratio procedure in accordance with the established Position 2.1 of Regulatory Guide 1.99, Revision 2, for those licensees that use surveillance data to provide for a basis for the RPV integrity evaluation;"

PP&L Response

PP&L's Susquehanna Units 1 and 2 surveillance specimens were constructed from some of the same material heats that went into the construction of the reactor pressure vessels. They therefore represent typical copper and nickel contents of the weld and base metal heats.

Because the heats are typical and furthermore, the highly irradiated materials are not the limiting materials for these plants, there is no need to use position 2.1 to determine a new adjusted reference temperature for the vessels.

Required Information - Part 4

Required Action

"a written report providing any newly acquired data specified above and (1) the results of any necessary revisions to the evaluation of RPV integrity in accordance with the requirements of 10CFR50.60, 10CFR50.61, Appendices G and H to 10CFR50, and any potential impact on the LTOP or P-T limits in the technical specifications or (2) a certification that previously submitted evaluations remain valid. Revised evaluations and certifications should include consideration of Position 2.1 of Regulatory 1.99, Revision 2, as applicable, and any new data."

PP&L Response

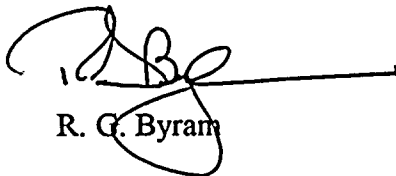
No new RPV data has been identified by PP&L. Additionally, the BWRVIP Report titled "Bounding Assessments of BWR/2-6 Reactor Pressure Vessel Integrity Issues" contains the current RPV data that has been compiled by the BWRVIP. No newly acquired data for the Susquehanna vessels was identified in this Report. The BWRVIP Report is being submitted to the NRC under separated cover by the BWRVIP.

The BWRVIP is continuing to pursue the acquisition of new data from the RPV manufacturers; however, no additional data is available at this time. As new BWRVIP RPV data becomes available, the data will be reviewed in accordance with the BWRVIP program.

By the attached affidavit PP&L certifies that the previously submitted RPV evaluations identified in the references to this letter remain valid. Additionally, as noted in PP&L response to the part 2 concern, the ratio procedure established in Position 2.1 of Regulatory Guide 1.99, Revision 2 does not have to be used.

Please call Mr. James M. Kenny at (610) 774-7535 if you have any questions concerning this response.

Very truly yours,



R. G. Byram

Affidavit



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copy: NRC Region I
Ms. M. Banerjee, NRC Sr. Resident Inspector - SSES
Mr. C. Poslusny, Jr. NRC Sr. Project Manager - Rockville

AFFIDAVIT

COMMONWEALTH OF PENNSYLVANIA)

: SS

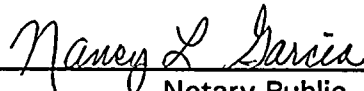
COUNTY OF LEHIGH)

I, ROBERT G. BYRAM, being duly sworn according to law, state that I am Senior Vice President - Nuclear of Pennsylvania Power & Light Company certify that the previously submitted RPV evaluations identified in the references to the attached final response to Generic Letter 92-01, Revision 1, Supplement 1 remain valid and are true and correct to the best of my knowledge, information and belief. Also, the determination that the ratio procedure established in Position 2.1 of Regulatory Guide 1.99, Revision 2 does not have to be used, is true and correct to the best of my knowledge, information and belief.



Robert G. Byram
Senior Vice President - Nuclear

Sworn to and subscribed
before me this 17 day
of November, 1995.


Notary Public



Notarial Seal
Nancy L. Garcia, Notary Public
Salem Twp., Luzerne County
My Commission Expires May 31, 1999
Member, Pennsylvania Association of Notaries



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