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SUBJECT: Forwards proprietary addl info for "GE12 Fuel Description Rept for Pennsylvania Power & Light Co Susquehanna Steam Electric Station, Unit 2," during Reload 7, Cycle 8 refueling outage. Encl withheld (ref 10CFR2.790).

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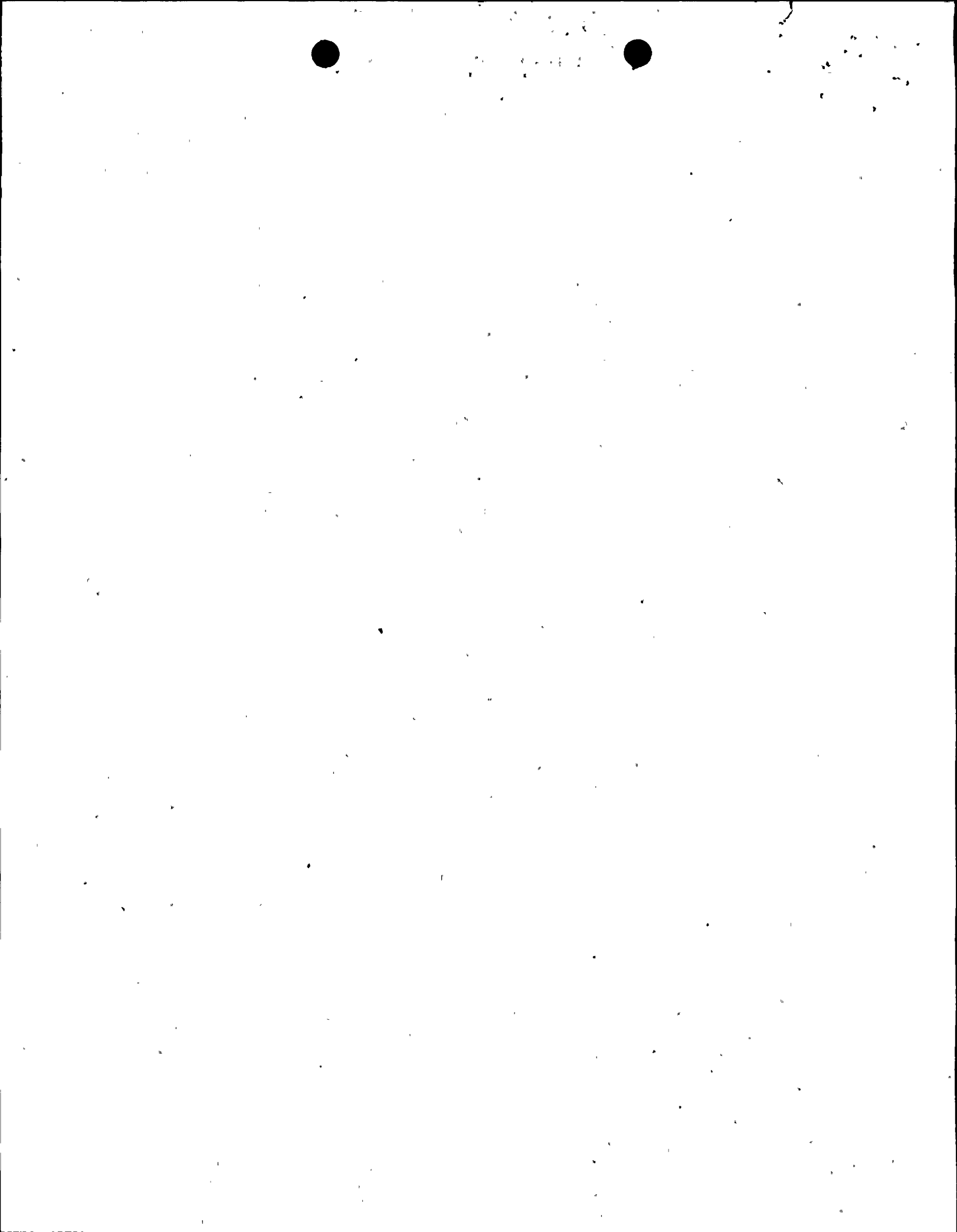
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OCT 10 1995

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U.S. Nuclear Regulatory Commission
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SUSQUEHANNA STEAM ELECTRIC STATION INSERTION OF LEAD USE ASSEMBLIES IN UNIT 2 DURING RELOAD 7/CYCLE 8

PLA-4371

FILES A17-2/R41-2

Docket No. 50-388

- References:
1. NRC Letter, T. A. Ippolito to R. E. Engel, Regarding Lead Test Assembly Licensing, dated September 23, 1981.
 2. NEDE-24011-P-A-10, "General Electric Standard Application for Reactor Fuel," dated February 1991.
 3. PL-NF-87-001-A, "Qualification of Steady State Core Physics Methods for BWR Design and Analysis," April 28, 1988.
 4. PL-NF-89-005-A, "Qualification of Transient Analysis Methods for BWR Design and Analysis," July 1992.
 5. PL-NF-90-001-A, "Application of Reactor Analysis Methods for BWR Design and Analysis," July 1992.
 6. PL-NF-90-001-A, Supplement 1, "Loss of Feedwater Heating Changes & Use of RETRAN MOD5.1," September 1994, and NRC approval letter: Letter from C. Poslusny (NRC) to R. G. Byram (PP&L), "Susquehanna Steam Electric Station, Units 1 and 2 (TAC Nos. M90851 & M90852)," February 28, 1995.

The purpose of this letter is to provide additional information regarding the four Lead Use Assemblies (LUAs, otherwise known as Lead Test Assemblies) PP&L is inserting into the Susquehanna Unit 2 core during the Reload 7/Cycle 8 refueling outage. Cycle 8 operation is expected to commence at the end of October 1995. These LUA fuel bundles are part of a test program conducted in cooperation with General Electric Company to verify the fuel performance of these bundles. The information contained herein fulfills the provisions outlined in Reference 1 for use of LTAs in reloads.

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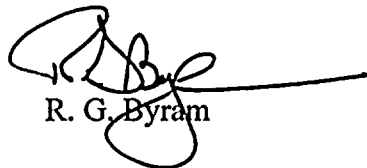
Attachment 1 is a General Electric report which describes the safety analyses performed for the GE12 LUAs and outlines the kinds of measurements planned for these LUAs. Cycle specific thermal limits for these assemblies are included in the Susquehanna SES Unit 2 Cycle 8 Core Operating Limits Report. These limits have been established based primarily on Reference 2.

Attachment 2 is a detailed description of the GE12 LUAs. The information contained in this attachment is of the type which the General Electric Company maintains in confidence and withholds from public disclosure. It has been handled and classified as proprietary as indicated in the affidavit included as Attachment 4. PP&L requests that Attachment 2 be withheld from public disclosure in accordance with the provisions of 10 CFR 2.790.

Attachment 3 provides the PP&L related analysis to establish the MCPR Operating Limits for the GE12 LUA based on References 2 through 6 and information GE provided in Attachment 1.

Should you or your staff have any questions regarding the information submittal, please contact Mr. A. K. Maron at (610) 774-7727.

Very truly yours,



R. G. Byram

Attachment

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



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