

GL 94-03

  
PECO ENERGYPECO Energy Company  
Nuclear Group Headquarters  
965 Chesterbrook Boulevard  
Wayne, PA 19087-5691

October 24, 1994

Docket No. 50-353  
License No. NPF-85Nuclear Regulatory Commission  
ATTN: Document Control Desk  
Washington, DC 20555SUBJECT: Limerick Generating Station, Unit 2  
Submittal of Inspection Plan in Response to  
Generic Letter 94-03, "Intergranular Stress Corrosion  
Cracking of Core Shrouds in Boiling Water Reactors"

Dear Sir:

On August 24, 1994, PECO Energy Company responded to Generic Letter (GL) 94-03, dated July 25, 1994. Reporting Requirement 2 of the GL requested that an inspection plan of the core shroud be submitted to the U. S. Nuclear Regulatory Commission (USNRC) no later than 3 months prior to performing the inspections except for those plants whose inspections would occur less than three months from the receipt of the GL. Our response for Limerick Generating Station, Unit 2, indicated that an augmented inspection program for the core shroud would be developed in consideration of recommendations by the Boiling Water Reactor Vessel and Internals Project (BWRVIP).

The BWRVIP recommendations are specified in the "BWR Core Shroud Inspection and Flaw Evaluation Guidelines," GENE-523-113-0894, Revision 0, dated September 1994. This document was submitted to the USNRC on September 2, 1994 by the BWRVIP. The LGS, Unit 2 core shroud is considered highly resistant to Intergranular Stress Corrosion Cracking (IGSCC) due primarily to plant water chemistry, material carbon content, fabrication history, neutron fluence and hot operating time.

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October 24, 1994

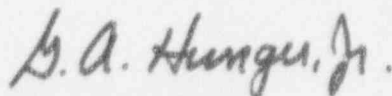
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The LGS, Unit 2 core shroud has been identified by the BWRVIP Report, Table 3-1, as an Inspection Category A facility based on: 1) the shroud has been fabricated with low carbon content Type 304L stainless steel; 2) the core shroud has experienced less than 8 hot operating years, and; 3) the shroud has consistently been exposed to water with chemistry below BWR Water Chemistry Guideline Action Levels. A Category A plant is not expected to experience shroud cracking in the near term and, as such, augmented inspections are not considered necessary at this time.

Commensurate with Inspection Category A, augmented inspections of the LGS, Unit 2 core shroud are not planned for the January 1995 Refueling Outage (2R03). However, in-vessel visual inspections (IVVI) will be performed in accordance with the ASME Code, Section XI, Examination Category B-N-1, during 2R03. The GL 94-03 augmented inspections of the core shroud will be considered for the January 1997 refueling outage (2R04).

If you have any questions, please contact us.

Very truly yours,



G. A. Hunger, Jr.,  
Director - Licensing

cc: T. T. Martin, Administrator, Region I, USNRC  
N. S. Perry, USNRC Senior Resident Inspector, LGS

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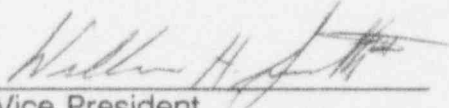
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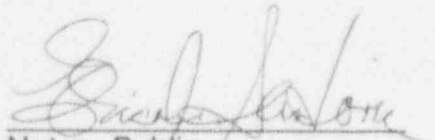
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W. H. Smith, III, being first duly sworn, deposes and says:

That he is Vice President of PECO Energy Company; that he has read the enclosed response to Generic Letter 94-03 dated July 25, 1994, for the Limerick Operating License NPF-85, and knows the contents thereof; and that the statements and matters set forth therein are true and correct to the best of his knowledge, information and belief.

  
Vice President

Subscribed and sworn to  
before me this 24<sup>th</sup> day  
of October 1994

  
Notary Public

Notarial Seal  
Erica A. Sartori, Notary Public  
Tracyville Twp., Chester County  
My Commission Expires July 10, 1995