

**February 27, 2001****Docket No. 50-353  
License No. NPF-85****U.S. Nuclear Regulatory Commission  
Attn: Document Control Desk  
Washington, DC 20555-0001****Subject: Limerick Generating Station, Unit 2  
Analysis of Core Shroud Structural Integrity****Reference: 1) Letter from J. A. Hutton (Exelon Generation Company, LLC) to Nuclear  
Regulatory Commission (NRC), dated January 18, 2001**  
**2) Letter from J. A. Hutton (PECO Energy Company) to Nuclear  
Regulatory Commission (NRC), dated January 9, 2001**  
**3) Letter from J. A. Hutton (PECO Energy Company) to Nuclear  
Regulatory Commission (NRC), dated October 27, 2000****Dear Sir/Madam:**

In the Referenced letters, Exelon Generation Company, LLC submitted plant specific analyses and supplemental information which updated previous evaluations of the Limerick Generating Station (LGS), Unit 2, core shroud structural margins by considering plant operation under Hydrogen Water Chemistry/Noble Metals Chemical Application conditions. Based on additional consideration, the analyses provided will not be used for the upcoming LGS, Unit 2 outage. This issue was discussed with the NRC on Tuesday, February 27, 2001. Information summarizing our conclusions will be provided as a part of the Inservice Inspection Summary Report for LGS, Unit 2.

Please contact us if you have any questions.

Very truly yours,



**James A. Hutton  
Director - Licensing**

**Attachment**

**cc: H. J. Miller, Administrator, USNRC, Region I  
A. L. Burritt, USNRC Senior Resident Inspector, LGS  
C. Gratton, Senior Project Manager, USNRC**

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