



**PECO ENERGY**

PECO Energy Company  
Nuclear Group Headquarters  
555 Chesterbrook Boulevard  
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TS 6.9.1.12

February 5, 1996

Docket No. 50-352

License No. NPF-39

U.S. Nuclear Regulatory Commission  
Attn: Document Control Desk  
Washington, DC 20555

Subject: Limerick Generating Station, Unit 1  
Issuance of Revision 3 of  
the Core Operating Limits Report for  
Reload 5, Cycle 6

Gentlemen:

Enclosed is a copy of the Core Operating Limits Report (COLR), Revision 3, for Limerick Generating Station (LGS), Unit 1 Cycle 6, Reload 5. This COLR provides the cycle-specific parameter limits for: Maximum Average Planar Linear Heat Generation Rate (MAPLHGR); Minimum Critical Power Ratio (MCPR); ARTS MCPR thermal limit adjustments and multipliers; ARTS MAPLHGR thermal limit multipliers; Rod Block Monitor (RBM) setpoints; MAPLHGR single loop operation (SLO) reduction factor; Linear Heat Generation Rate (LHGR); Turbine Bypass Valve parameters; Recirculation Pump Motor Generator (MG) Set Scoop Tube Stops; and Reactor Coolant System Recirculation Flow Upscale Trips for LGS, Unit 1, Cycle 6, Reload 5. These values have been determined using NRC-approved methodology and are established such that all applicable limits of the plant safety analysis are met.

Revision 3 of the LGS Unit 1 Cycle 6 COLR addresses three issues related to thermal limits monitoring for Cycle 6: (a) validity of the original reload licensing analyses following the August, 1995 core reconfiguration, (b) incorporation of revised MAPLHGR limits to improve thermal margin, and (c) deletion of the previous revision of this document (i.e., Revision 2), which was approved, but not issued, nor implemented.

This COLR Revision is being submitted to the NRC in accordance with LGS, Unit 1 Technical Specifications (TS) Section 6.9.1.12.

If you have any questions, please do not hesitate to contact us.

Very truly yours,

*G. A. Hunger, Jr.*

G. A. Hunger, Jr.  
Director - Licensing

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Enclosure

cc: T. T. Martin, Administrator, Region 1, USNRC w/enclosure  
N.S. Perry, USNRC Senior Resident Inspector, LGS w/enclosure  
R.R. Janati, Director, PA Bureau of Radiological Protection w/enclosure

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