

# CATEGORY 1

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SUBJECT: Forwards mid-cycle rev 1 to "Harris Unit 1 COLR." Rev  
 revises MTC surveillance limit from -36.4 pcm/F to -37.65  
 pcm/F using NRC reviewed & approved methodology.

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SERIAL: HNP-98-138  
10CFR50.90

SEP 21 1998

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SHEARON HARRIS NUCLEAR POWER PLANT  
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REQUEST FOR LICENSE AMENDMENT  
CYCLE 8 CORE OPERATING LIMITS REPORT - REVISION 1

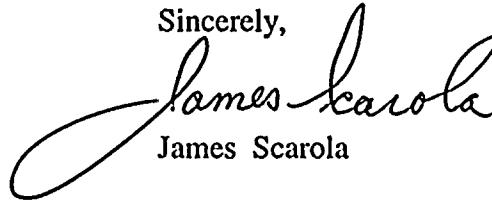
Dear Sir or Madam:

In accordance with Technical Specifications (TS) 6.9.1.6.4, Carolina Power & Light Company (CP&L) hereby submits a mid-cycle revision to the Harris Nuclear Plant (HNP) Cycle 8 Core Operating Limits Report (COLR).

Revision 1 to the COLR revises the Moderator Temperature Coefficient (MTC) Surveillance Limit from -36.4 pcm/°F to -37.65 pcm/°F using an NRC reviewed and approved methodology. The previous MTC Surveillance Limit was calculated using an analytical method that was not specifically reviewed and approved by the NRC. However, the results of the previous MTC Surveillance Limit calculation were more conservative than the revised MTC Surveillance Limit calculation using the NRC approved analytical method.

Please refer any questions regarding this submittal to Mr. J. H. Eads at (919) 362-2646.

Sincerely,

  
James Scarola

MSE/mse  
Attachment

- c: Mr. J. B. Brady, NRC Sr. Resident Inspector
- Mr. S. C. Flanders, NRC Project Manager
- Mr. L. A. Reyes, NRC Regional Administrator

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Harris Unit 1 Cycle 8  
Core Operating Limits Report - Rev. 1

Attachment 9 to HNP Procedure PLP-106  
"Technical Specification Equipment List Program and  
Core Operating Limits Report," Rev. 18