



Entergy Nuclear Northeast  
Entergy Nuclear Operations, Inc.  
P.O. Box 5029  
White Plains, NY 10601-5029  
Tel 914 272 3200 Fax 914 272 3205

Michael R. Kansler  
Senior Vice President &  
Chief Operating Officer

April 26, 2001  
IPN-01-037

U.S. Nuclear Regulatory Commission  
Mail Stop O-P1-17  
Washington, DC 20555-0001  
ATTN: Document Control Desk

SUBJECT: **Indian Point 3 Nuclear Power Plant**  
**Docket No. 50-286**  
**Annual 10 CFR 50.46 Report for Year 2000**  
**Emergency Core Cooling System Evaluation Changes**

- REFERENCES: (1) Westinghouse letter (INT-01-003), S. Ira to R. Barrett, "10 CFR 50.46 Annual Notification and Reporting for 2000," dated March 6, 2001.
- (2) Entergy letter (IPN-01-20) M. R. Kansler to NRC "Annual 10 CFR 50.46 Report for Year 2000 - Emergency Core Cooling System Evaluation Model Changes" dated March 8, 2001.

Dear Sir:

This letter reports changes to the emergency core cooling system peak cladding temperature (PCT) for a small break loss of coolant accident (LOCA). This letter satisfies the reporting requirements of 10 CFR 50.46(a)(3)(ii).

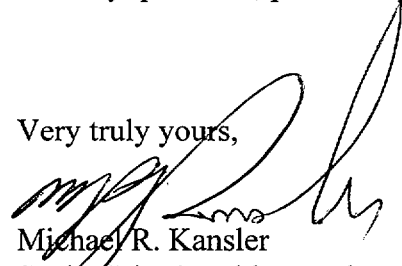
Peak cladding temperature increased by approximately 13 °F as the result of mixture level tracking/region depletion errors identified in NOTRUMP.

This report is based on the small break loss-of-coolant accident (LOCA) peak cladding temperature changes described in the referenced letter. The large break LOCA peak cladding temperature changes were provided in Reference 2. As defined by 10 CFR 50.46(a)(3)(i), this change is not significant. Indian Point 3 continues to comply with 10 CFR 50.46(a)(3)(ii) because the PCT remains below the maximum permissible fuel cladding temperature of 2200°F.

A001

There are no new commitments made by this letter. If you have any questions, please contact Ms. Charlene Faison at 914-272-3378.

Very truly yours,



Michael R. Kansler  
Senior Vice President and  
Chief Operating Officer

Cc: Regional Administrator  
U.S. Nuclear Regulatory Commission  
475 Allendale Road  
King of Prussia, PA 19406

Resident Inspector's Office  
Indian Point Unit 3  
U.S. Nuclear Regulatory Commission  
P.O. Box 337  
Buchanan, NY 10511

Mr. Richard Laufer, Project Manager  
Project Directorate 1  
Division of Licensing Project Management  
U.S. Nuclear Regulatory Commission  
Mail Stop 8G9  
Washington, D.C. 20555