

April 11, 2001
5928-01-20108

U.S. Nuclear Regulatory Commission
Attn: Document Control Desk
Washington, DC 20555-0001

Dear Sir or Madam:

**SUBJECT: THREE MILE ISLAND, UNIT 1 (TMI UNIT 1)
OPERATING LICENSE NO. DPR-50
DOCKET NO. 50-289
ADDITIONAL INFORMATION – PROPOSED IRRADIATION OF
FUEL RODS BEYOND CURRENT LEAD ROD BURNUP LIMIT**

As discussed with NRC staff on April 6, 2001, AmerGen Energy Company, LLC (AmerGen) commits to provide the following information regarding the TMI Unit 1 proposal to irradiate fuel rods beyond the current lead rod burnup limit, previously submitted for NRC review in AmerGen letter dated January 18, 2001 (5928-00-20394).

Subsequent to the TMI Unit 1 14R refueling outage fuel assembly Post Irradiation Examinations (PIE), AmerGen will provide NRC the results of the PIE data obtained for the M5 lead test rods. At that time AmerGen will also provide to NRC confirmation of the results of the TMI Unit 1 Cycle 14 specific fuel rod design analysis for the M5 lead test rods performed to determine acceptability for use in Cycle 14. If fuel rod behavior as observed in the PIE is not as expected or if analysis does not confirm fuel rod design criteria are met, then the M5 lead test rods will not be used in Cycle 14.

AmerGen will also provide NRC the data obtained from PIE performed on the M5 lead test rods at the conclusion of TMI Unit 1 operating Cycle 14.

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Proposed Irradiation of Fuel Rods

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If any additional information is needed, please contact David J. Distel at (610) 765-5517.

Very truly yours,

A handwritten signature in cursive script, appearing to read "James A. Hutton".

James A. Hutton

Director – Licensing

Mid-Atlantic Regional Operating Group

JAH/djd

cc: H. J. Miller, Administrator, USNRC Region I
T. G. Colburn, USNRC Senior Project Manager, TMI Unit 1
J. D. Orr, USNRC Senior Resident Inspector, TMI Unit 1
File No. 00141