

10 CFR 50.46 (a)(3)(i) and (ii)

June 4, 2001
2130-01-20106

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

Subject: Oyster Creek Generating Station (OCGS)
Docket No. 50-219
Facility License No. DPR-16
10 CFR 50.46 Reporting Requirements

Reference: Letter from J. A. Hutton (AmerGen Energy Company, LLC) to U. S. Nuclear
Regulatory Commission, dated December 19, 2000

Dear Sir/Madam:

In accordance with 10 CFR 50.46 (a)(3)(i) and (ii), the following is a revision to the licensing basis Loss-of-Coolant Accident (LOCA) peak clad temperature (PCT) for Oyster Creek Generating Station. Table 1 (attached) provides the revised licensing basis PCT value and the PCT error accumulation for Oyster Creek. Due to the sum of the absolute values of the accumulated changes resulting in a value of greater than 50°F, this report is being submitted within 30 days of the 10 CFR 50.46 notification identified below.

On May 10, 2001, AmerGen Energy Co., LLC (AmerGen) received a 10 CFR 50.46 notification letter from GE Nuclear Energy ("Impact of SAFER Pressure Rate Inconsistency Error on the Peak Clad Temperature (PCT)"), which informed us of a PCT impact due an error in an equation used to calculate the pressure rate. The pressure rate impacts the calculated steam flashing and steam condensation rates in the vessel. The correction of the error results in an estimated increase in the licensing basis PCT of 10°F for the GE9 fuel type.

Table 1 provides the baseline PCT, the PCT error accumulations, and the resultant estimated licensing basis PCT for the GE9 fuel type. The estimated licensing basis PCT is 2183°F, calculated using the conservative estimates for the effect of each of the errors and changes. The licensing basis PCT remains within the 10CFR50.46 acceptance limit of 2200°F. The current MAPLHGR limits therefore remain bounding, and no additional action is required.

A001

USNRC
2130-00-20321
Page 2 of 2

If you have any questions, please contact Mr. George B. Rombold at 610-765-5516.

Very truly yours,

A handwritten signature in black ink, appearing to read 'J. A. Hutton', written over a vertical line that serves as a separator between the signature and the typed name below.

J. A. Hutton
Director - Licensing

Attachments

- c: H. J. Miller, Administrator, USNRC Region I
- L. A. Dudes, USNRC Senior Resident Inspector, Oyster Creek
- H. N. Pastis, USNRC Senior Project Manager, Oyster Creek
- File No. 01-058

Attachment
June 4, 2001
2130-00-20321

TABLE 1

**CURRENT BASELINE PCT (°F) VALUES AND ERROR ACCUMULATION
OYSTER CREEK GENERATING STATION**

	GE 9 Fuel
BASELINE PCT	2190
Bottom Head Drain Line Error	+10
CORECOOL Error in Large Central Water Rod Diameter	-55
Core Spray Slip Joint/Vent Hole Leakage Error (100 gpm)	+30
Time Step Size Change	+5
Reduction of Assumed Core Spray Leakage from 100 gpm to 70 gpm	-7
Pressure Rate Inconsistency Error	+10
TOTAL	-7
NEW ESTIMATED LICENSING BASIS PCT VALUE	2183