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10 CFR 50.55a

2130-02-20291
October 4, 2002

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

Subject: Additional Information - Alternative Repair of Control Rod Drive Housing Interface with Reactor Vessel (TAC No. MB5700)

Oyster Creek Generating Station
Facility License No. DPR-16
Docket No. 50-219

- References: 1) AmerGen letter 2130-02-20214 dated July 26, 2002, "Alternative Repair of Control Rod Drive Housing Interface with Reactor Vessel"
- 2) AmerGen letter 2130-00-20300 dated November 10, 2000, "Alternative Repair of Control Rod Drive Housing Interface with Reactor Vessel"

The following additional information is provided to support NRC staff review of the Oyster Creek request for approval of alternative repair of control rod drive stub tubes provided in Reference 1. In Reference 2, AmerGen Energy Company, LLC (AmerGen) committed to reevaluate earlier hydrogen water chemistry (HWC) ECP evaluations. These evaluations concluded that Oyster Creek should increase hydrogen injection to provide 0.5 – 0.6 ppm in feedwater to meet the current criteria for mitigation and protection of the recirculation piping and lower plenum down to the control rod drive (CRD) stub tubes. Hydrogen injection has been increased to provide at least 0.5 ppm in feedwater since October 31, 2001. Additionally, Oyster Creek has continued zinc injection which was implemented in July 2000. Current operating cycle 18 has maintained zinc injection concentration at approximately 7.0 ppb. Primary system mitigation will also be achieved with the Noble Metals Chemical Application planned for the upcoming 1R19 refueling outage. This application will consist of noble metals injection for a 48-hour duration at appropriate primary system pressure/temperature conditions while the plant is off line.

If you should have any questions, please contact Mr. John G. Hufnagel at 610-765-5507.

Very truly yours,



Michael P. Gallagher
Director, Licensing & Regulatory Affairs
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cc: H. J. Miller, USNRC Administrator, Region I
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File No. 00086

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