

GPU Nuclear Corporation

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February 17, 1995 C321-95-2055

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

Gentlemen:

Subject:

Oyster Creek Nuclear Generating Station (OCNGS) Docket No. 50-219 Generic Letter 89-10 Report

This letter documents the current status of the OC Generic Letter (GL) 89-10, Motor Operated Valve (MOV) Program. GL 89-10 item (m) requires licensees to notify the NRC of completed actions for the GL 89-10 program. GL 89-10, issued June 28, 1989, requested the recommended actions to be completed within 5 years or 3 refueling outages, whichever was later.

GPU Nuclear advised the NRC in letter dated December 28,1989, of the schedule to complete the GL actions. The stated OC schedule was to complete the MOV program within three (3) refueling outages of June 28, 1989, and this was further discussed at NRC/GPU Nuclear management meetings held on February 21, 1992 and October 20, 1994. The third refueling outage after June 28, 1989 for OC was the 15R outage, which was completed on December 16, 1994.

Modifications to GL 89-10 MOVs were completed in 15R which significantly increased the available margins for Reactor Water Cleanup System valves and Isolation Condenser System valves, as described in GPU Nuclear letter C321-94-2167, dated November 7, 1994. Modifications to four (4) Core Spray System valves to eliminate susceptibility to pressure locking, and to two (2) Containment Spray System valves to provide larger valve actuator motors, were also completed in 15R. Remaining static and dynamic valve tests for GL 89-10 program valves were also completed in 15R.

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As discussed at the October 20, 1994 GPU Nuclear/NRC meeting, the evaluation of best available industry test data to further support assumed valve factors was ongoing. GPU Nuclear has completed the detailed evaluation of best available industry data which confirms the appropriate design valve factors applied to OCNGS GL 89-10 Program MOVs not practicable to dynamically test, or tested at lower than design basis differential pressure.

The completed evaluation is based on an extensive industry search for data on valves similar to OCNGS and provides assurance that the design valve factors are conservative.

It is also noted that OCNGS Technical Specification Amendment No. 174, which was issued on November 30, 1994, raised the degraded voltage setpoint from 3671 volts to 3840 volts, thus providing additional margin for GL 89-10 AC-powered MOVs due to higher available voltages at the motor terminals during postulated degraded grid conditions.

The OCNGS GL 89-10 program design basis reviews, calculations and testing have been completed. The valve modifications implemented in 15R, as described above, and completion of the evaluation of best available industry data to confirm appropriate design valve factors provides confidence that the design basis capability of the OCNGS GL 89-10 program valves has been demonstrated utilizing current design basis requirements and guidelines. The OCNGS GL 89-10 MOV Program Description is being updated to reflect the current status of the overall program.

The OCNGS MOV Program is ready for closure; however, it is an ongoing effort and will continue to address future industry issues as they are identified. Any potential future issues which could impact design basis capability will be evaluated as appropriate. If any additional information is needed, please contact Mr. David J. Distel, GPU Nuclear Licensing at (201) 316-7955.

Sincerely, J. J. Barton.

Vice President and Director **Ovster** Creek

DJD/plp

c: Administrator, Region I Oyster Creek NRC Resident Inspector Oyster Creek NRC Project Manager