



**CENTERIOR  
ENERGY**

**PERRY NUCLEAR POWER PLANT**

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VICE PRESIDENT - NUCLEAR

December 7, 1992  
PY-CEI/NRR-1582 L

U. S. Nuclear Regulatory Commission  
Document Control Desk  
Washington, D. C. 20555

Perry Nuclear Power Plant  
Docket No. 50-440  
Supplement Response to Generic  
Letter 89-10 Supplement 3

Gentlemen:

Several concerns regarding motor operated valve (MOV) capabilities were identified during an NRC inspection of the Perry Motor Operated Valve Program. Inspection Report No. 50-440/92018 documented these concerns and additionally requested that Perry provide an updated response to Generic Letter (GL) 89-10, Supplement 3 to address the stated concerns.

Specifically, these concerns involved various factors utilized in MOV capability assessments. As requested in response to the identified concerns, Perry has re-evaluated the factors and assumptions used to determine MOV capabilities for GL 89-10, Supplement 3 valves.

The results of this re-evaluation demonstrated that the Supplement 3 valves are capable of performing their design function; however, design modifications were determined to be appropriate to improve the design margin of valves 1E51-F063 and 1G33-F001 to an acceptable value. Valves 1E51-F064 and 1G33-F004 were similarly modified during a forced plant outage in October 1992.

The design modifications for 1E51-F063 and 1G33-F001 will be completed prior to startup following the next refueling outage (RF04).

Provided below are the results of the re-evaluation of the Perry valves included within the scope of GL 89-10, Supplement 3:

<u>Valve No.</u>	<u>Differential Pressure</u>	<u>Calculated Capability</u>	<u>Calculated Thrust to Close</u>
1E51-F063	1025 PSID	37,070 LBS	34,819 LBS
1E51-F064	1025 PSID	47,441 LBS	34,819 LBS
1G33-F001	1036 PSID	16,493 LBS	16,031 LBS
1G33-F004	1036 PSID	22,576 LBS	16,031 LBS

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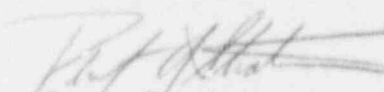
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The results of the Perry design basis review are based on the best data currently available.

Industry information will be evaluated on an ongoing basis to determine any effects on existing design basis calculations and will be appropriately factored into the Perry MOV program.

If you have any questions, please feel free to call.

Sincerely,



R. A. Stratman

RAS:RWG:ss

cc: NRC Project Manager  
NRC Resident Inspector Office  
NRC Region III