



BOSTON EDISON COMPANY  
PILGRIM NUCLEAR POWER STATION  
DOCKET NO. 50-293

Attachment to LER 83-010/03L-0

On 2/22/83, two out of the four mounting bolts for the motor operator adaptor plate on MOV 1400-4A were found backed out and the motor operator tilted. The valve is a normally closed, 6 inch, 300 psi gate manufactured by Anchor Valve Co. with a Limitorque motor operator, located in the core spray full flow test line.

The T.S. required LCO actions were initiated, the NRC notified via ENS and the "A" loop made inoperable to allow repairs to be made.

Because the valve was found in its normal, closed position this event created no threat to the public health and safety.

Cause:

The most probable cause has been determined to be system vibration. The bolts were inspected visually for signs of damage and when none were found, they were re-installed (with a threadcompound applied) and re-torqued. The redundant valve in the "B" core spray system (1400-4B) was inspected and no adverse indications were found.

A request for engineering support has initiated an investigation to determine if any future corrective actions beyond the threadcompound are required to preclude the loosening of the mounting bolts.