

(PLEASE PRINT OR TYPE ALL REQUIRED INFORMATION)

(914) 526-5475

ATTACHMENT

Docket No. 50-247
LER 83-001/03L-0

Consolidated Edison Co. of New York, Inc.
Indian Point Station Unit #2

Each of the steam generators is equipped with an isolation valve in its main steam line. The valves contain a free swinging disc which is normally held out of the main steam flow path by an air piston. They automatically close upon receipt of manual or automatic steam line isolation signal.

On Friday January 7, 1983 while the plant was operating at approximately 2% power, the main steam isolation valve (MS-1-22) for steam generator Loop 22 failed to close during valve closure testing, and therefore, did not meet the requirements of Technical Specification 3.4.A (5). The valve operator was disconnected and stroked successfully, but the valve did not move. The plant was then brought to cold shutdown to repair the valve. During the cooldown the valve closed.

The valves are 28" Atwood and Morrill Co. valve mark NO. 28 x P 36. Upon disassembly it was found that the disc MS-1-22 would interfere with the vertical wall of valve disc stop. The lower vertical wall of this disc stop was ground approximately 1/8" to increase the clearance. The valve was lubricated and stroked. The closing time was 2 seconds and proper indication was verified in the Central Control Room.

The MSIV for steam generator Loop 21 closed within 1" of total closure. The valve operator linkage was found to be binding. The linkage was removed, cleaned and lubricated. The valve was also lubricated and stroked. The closing time was 3 seconds and proper indication was verified in the CCR.