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On July 3, 1984, at 2330 hours, after performing the HPCI monthl, and quarterly surveillances, the normal HPCI Cooling Water Return Valve, MO 2-2301-48, could not be re-opened from the Control Room. HPCI was declared inoperable. The valve was then manually opened and HPCI was declared operable. The Electrical Maintenance Department investigated the failure but could not duplicate the problem. The valve was cycled several times without any problems. This event is considered an isolated occurrence.

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LICENSEE EVENT REPORT (LER) TEXT CONTINUATION

U.S. NUCLEAR REGULATORY COMMISSION

APPROVED OMB NO. 3150-0104 EXPIRES 8/31/86

FACILITY NAME (1)	DOCKET NUMBER (2)		LER NUMBER (6)							PAGE (3)		
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TEXT (If more spece is required, use additional NRC Form 366A's) (17)

Event Description

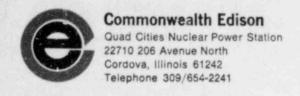
On July 3, 1984, at 233C hours, after performing the HPC1 monthly and quarterly surveillances (QOS 2300-1, 2, 3, 6), the normal HPC1 Cooling Water Return Valve, MO 2-2301-48, would not re-open from the Control Room. At 0215 hours, on July 4, 1984, HPC1 was declared inoperable and surveillance testing was initiated to comply with the requirements of Technical Specification 4.5.C.2. The MO 2-2301-48 valve was manually re-opened and HPC1 was declared operable on July 4, 1984, at 0300 hours and 0335 hours, respectively. All other ECCS systems were operable at the time of this occurrence, therefore, the safety implications of this occurrence were minimal. Unit Two was in the RUN mode at 99 percent thermal power. This report is being submitted to satisfy the requirements outlined in 10 CFR 50.73(a)(2)(v).

Cause

The cause of this valve failing to open is not known. The breaker was reset, the valve was manually opened, and Electrical Maintenance personnel took current readings as the valve was cycled. The valve required 1.4 amperes (running current) to open and .4 amperes to close. These are typical values. After cycling the valve several times without finding any abnormalities, the valve was returned to service. The motor operator is manufactured by Limitorque, Model Number SMB-000. The valve is a four inch Gate Valve, manufactured by Crane Company.

Corrective Action

The immediate corrective action was to manually open the valve and initiate a Work Request to investigate and repair the problem. Since the failure could not be reproduced, and there is no data to indicate that this is a recurring problem, no further corrective action is being considered at this time. There have been two previous failures of the HPC1 2301-48 valve at Quad-Cities Station. They are documented under Deviation Report numbers D-4-2-74-22 and D-4-1-83-66.



NJK-84-227

July 20, 1984

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

Reference: Quad-Cities Nuclear Power Station

Docket Number 50-265, DPR-30, Unit Two

Enclosed please find Licensee Event Report Number (LER) 84-008 for Quad-Cities Nuclear Power Station.

This report is submitted to you in accordance with the requirements of the Code of Federal Regulations, Title 10, Part 50.73(a)(2)-(v) which requires the reporting of any event or condition that alone could have prevented the fulfillment of the safety functions that are needed to shutdown the Reactor and maintain it in a safe shutdown condition.

Respectfully,

COMMONWEALTH EDISON COMPANY
QUAD-CITIES NUCLEAR POWER STATION

N. J. Kalivianakis Station Superintendent

NJK: DBC/bb

Enclosure

A. Morrongieilo
INPO Records Center
NRC Region III

IEZ