



Commonwealth Edison
One First National Plaza, Chicago, Illinois
Address Reply to: Post Office Box 767
Chicago, Illinois 60690

BBS Ltr.#573-74

Dresden Nuclear Power Station
R. R. #1
Morris, Illinois 60450
August 9, 1974

Mr. James G. Keppler, Regional Director
Directorate of Regulatory Operations-Region III
U. S. Atomic Energy Commission
799 Roosevelt Road
Glen Ellyn, Illinois 60137



SUBJECT: REPORT OF ABNORMAL OCCURRENCE PER SECTION 6.6.B OF THE TECHNICAL SPECIFICATIONS.
HPCI VALVE 2-2301-35 WOULD NOT OPEN.

References: 1) Regulatory Guide 1.16 Rev.1 Appendix A

- 2) Notification of Region III of AEC Regulatory Operations
Telephone: Mr. F. Maura, 1545 hours on 8/2/74.
Telegram: Mr. J. Keppler, 1620 hours on 8/2/74.

- 3) Drawing Number: P&ID M-51

Report number: 50-257/74-37

Report Date: August 9, 1974

Occurrence Date: August 1, 1974

Facility: Dresden Nuclear Power Station, Morris, Illinois

IDENTIFICATION OF OCCURRENCE

On August 1, 1974, HPCI valve 2-2301-35 would not open. The breaker was not tripped.

CONDITIONS PRIOR TO OCCURRENCE

On August 1, 1974, Unit 2 was in start-up with a power level of approximately 500 MWt.

DESCRIPTION OF OCCURRENCE

On August 1, 1974 HPCI testing was in progress. It was found that valve 2-2301-35 would not open. The system was being tested because there had been a maintenance outage on the system.

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DESIGNATION OF APPARENT CAUSE OF FAILURE

Component Failure

Upon checking the breaker, it was found that the contactors were out of adjustment.

ANALYSIS OF OCCURRENCE

There were no safety consequences to the public or plant personnel as a result of this occurrence because HPCI was never needed. Also, the backup system, auto blowdown, was always operable.

CORRECTIVE ACTION

The contactors on the breaker were adjusted and the breaker operated satisfactorily.

There is a program to check these breakers on a periodic basis, but this breaker had not been inspected yet.

FAILURE DATA

This type of breaker has had similar failures in the past. That is why the periodic inspection program was initiated. This inspection program should help to eliminate this type of failure.

EQUIPMENT IDENTIFICATION

Cutler hammer 250V DC breaker

Sincerely,

Arthur M. Roberts

for B. B. Stephenson
Superintendent

BBS:LJD:do