



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

50-249

WPW Ltr.#782-73

Dresden Nuclear Power Station
R. R. #1
Morris, Illinois 60450
October 18, 1973



Mr. A. Giambusso
Deputy Director for Reactor Projects
Directorate of Licensing
U. S. Atomic Energy Commission
Washington, D. C. 20545

SUBJECT: LICENSE DPR-25, DRESDEN NUCLEAR POWER STATION, UNIT #3,
SECTION 6.6.B.2 OF THE TECHNICAL SPECIFICATIONS
ISOLATION CONDENSER VALVE FAILURE

References: 1) Notification of Region III of AEC Regulatory Operations
Telephone: F. Maura, 1100 hours on October 10, 1973
Telegram: Mr. Keppler, 1100 hours on October 10, 1973
2) Drawings M-28 Dresden Station P & ID.

Dear Mr. Giambusso:

This letter is to report a condition relating to the operation of the unit at 1450 hours on October 9, 1973. At this time MO-3-1301-1 valve in the isolation condenser system failed to operate correctly. This malfunction is contrary to section 3.5.E.1 of the Technical Specifications which requires that the isolation condenser be operable when reactor pressure is above 90 psig and irradiated fuel is in the vessel.

PROBLEM

Following performance of isolation Condenser high steam flow, and high condensate flow surveillance, valve MO3-1301-1 failed to open when the isolation was reset. The supply breaker for the MO3-1301-1 valve was found tripped. It was reset and the valve then tested satisfactorily.

At the time of the failure, the reactor was in the "Run" mode and thermal power was 2244 megawatts. The unit was operating at a steady electrical load of 740 megawatts. Reactor pressure was 993 psig.

8310200372 731018
PDR ADOCK 05000249
S PDR

Handwritten: 50-249

COPY SENT REGION III 69

October 18, 1973

INVESTIGATION

An investigation into the problem failed to provide a cause for the breaker trip. As stated previously, the problem corrected itself once the breaker was reset. This problem has occurred on other valve breakers and is presently under investigation. For the present status of the breaker investigation, see Dresden Station's report of a malfunction of valve M03-1501-20B on October 1, 1973.

CORRECTIVE ACTION

The immediate corrective action taken was to reset the breaker trip and attempt a second valve operation. The second attempt to operate the valve proved to be successful with the valve operating as designed.

Also, this type of breaker failure has been under investigation and at this time a cause for the breaker trips has not been found. The investigation of this type of failure will continue until the problem has been solved. Any further corrective actions will be based on the finds of the investigation.

EVALUATION

During the failure of the M03-1301-1 valve, the safety of the plant and public was not in jeopardy. With the valve failing closed, it assured primary containment integrity. However, with the valve closed, the isolation condenser system would be inoperable. At the time of the failure, the high pressure core injection (HPCI) and Auto Blowdown systems were operational.

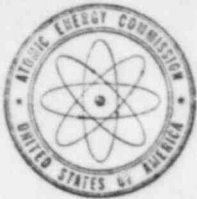
Continued operation of the plant was considered safe because of the short time valve 3-1301-1 was not operational and the operational status of the high pressure core injection and auto blowdown systems.

Sincerely,

Fred S. Worden

W. P. Worden
Superintendent

WPW:do



UNITED STATES
ATOMIC ENERGY COMMISSION
DIVISION OF COMPLIANCE
REGION III
799 ROOSEVELT ROAD
GLEN ELLYN, ILLINOIS 60137

TELEPHONE
(312) 858-2660

A. RO Inspection Report No. _____

Transmittal Date : _____

Distribution:
RO Chief, FS&EB
RO:HQ (5)
DR Central Files
Regulatory Standards (3)
Licensing (13)

Distribution:
RO Chief, FS&EB
RO:HQ (4)
L:D/D for Fuel & Materials
DR Central Files

B. RO Inquiry Report No. _____

Transmittal Date : _____

Distribution:
RO Chief, FS&EB
RO:HQ (5)
DR Central Files
Regulatory Standards (3)
Licensing (13)

Distribution:
RO Chief, FS&EB
RO:HQ
DR Central Files

C. Incident Notification From: Commonwealth Edison Docket No. 50-249
(Licensee & Docket No. (or License No.))

Transmittal Date : October 16, 1973

Distribution:
RO Chief, FS&EB
RO:HQ (4)
Licensing (4)
DR Central Files

Distribution:
RO Chief, FS&EB
RO:HQ (4)
L:D/D for Fuel & Materials
DR Central Files

*hwt
50-249*