



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

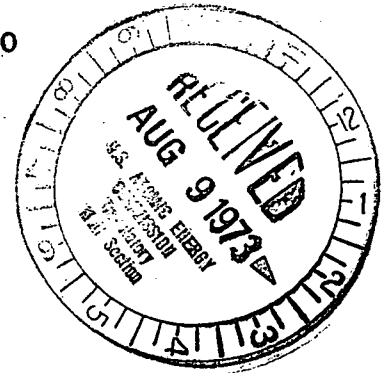
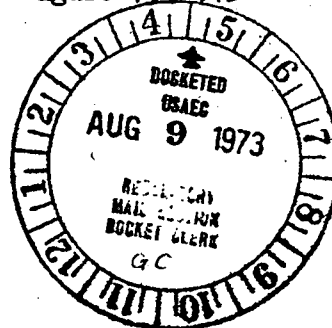
Regulatory Docket File

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

WPW Ltr. #559-73

August 7, 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.C.1 OF THE TECHNICAL SPECIFICATIONS.
FAST CLOSURE OF MSIV 3-203-1B.

- References:
- 1) Letter from W. P. Worden to Mr. Giambusso dated December 8, 1972, concerning Fast Closure Time on "1B" MSIV.
 - 2) Notification of Region III of AEC Regulatory Operations.
 Telephone: F. Maura, 1030 on July 30, 1973
 Telegram: B. Grier, 1250 on July 30, 1973
 - 3) Dwgs: P + ID M-345

Dear Mr. Giambusso:

This is to report a condition relating to the operation of the unit, when during surveillance testing, main steam isolation valve (MSIV) 3-203-1B was found to have a closure time of 2.6 secs, which is outside the limits specified in the Technical Specifications (Table 3.7.1). These limits are ≤ 5 secs and ≥ 3 secs.

PROBLEM AND INVESTIGATION

At 0050, July 29, 1973, with the reactor at a power level of 50 MWe, quarterly MSIV timing surveillance was being conducted.

During these tests, it was discovered that MSIV 3-203-1B had a closure time of 2.6 seconds, faster than the 3 second to 5 second limits specified in the Technical Specifications (Table 3.7.1). Both valves in the "B" steam line were promptly closed in accordance with section 3.7.2 of the Technical Specifications, and was maintained in that condition until a subsequent shutdown. The MSIV's on the other three steam lines had closure times within the 3 second to 5 second limits.

August 7, 1973

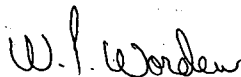
The limits specified on fast closure of the MSIV's are intended to prevent a rapid reactor isolation, and subsequent rapid reactor pressurization and resulting relief valve operation. Closure of one MSIV in 2.6 seconds instead of 3 seconds does not significantly increase the pressure spike or the potential for relief valve operation. Additionally, any pressure transient from the fast closure of one MSIV would be "softened" by the slower MSIV closure on the other three lines. Consequently, it is concluded that the fast closure of the 3-203-1B MSIV was of no safety significance to the public or plant personnel.

CORRECTIVE ACTION

At present, Unit 3 is in the shutdown condition. Inspection of "1B" MSIV speed control will not be performed prior to letter issuance but will be made before unit startup.

A followup report will be issued to specify the results of the investigation, the corrective action taken, the resulting MSIV travel time, and the date on which "B" steam line is returned to service.

Sincerely,



W. P. Worden
Superintendent
Dresden Station

WPW:LD:jw

cc: File/AEC Corr. Cat. I