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Regulatory File Cy.

Commonwealth Edison Company

ONE FIRST NATIONAL PLAZA ★ CHICAGO, ILLINOIS

Address Reply to:

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Dresden Nuclear Power Station
R.R.#1
Morris, Illinois 60450
December 18, 1970



Dr. Peter A. Morris
Director of Division Reactor Licensing
U.S. Atomic Energy Commission
Washington, D.C. 20545

SUBJECT: LICENSE DPR-19 DRESDEN NUCLEAR POWER STATION UNIT #2

Dear Dr. Morris:

This is to report a condition relating to the operation of the station in which Control Rod Drive 26-15 (G-4) would not withdraw past the position 46.

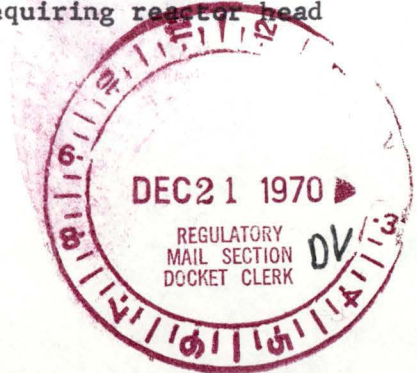
Problem and Initial Action

On November 17, 1970 CRD G-4 was re-installed in the reactor after overhaul. In the sequence of testing that normally follow the re-installation of a CRD, it was discovered that the drive would not retract past position 46, although the travel from positions 00 to 46 was completely normal. The estimated scram time for 90% insertion was 2.91 seconds.

Drive operation has been normal in all other respects and was therefore left in service.

Investigation and Corrective Action

The possible causes of inability to withdraw beyond position 46 was reviewed with General Electric Co. It was felt that a situation could exist within the drive which could result in damage to the drive if additional scrams occurred. Therefore the drive was declared inoperable and valved out-of-service on December 17, 1970 following Station Review Board review. The drive cannot be removed during the current outage because it cannot be withdrawn to the backseat position and therefore must be delayed until an outage requiring reactor head removal.

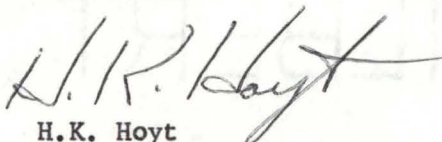


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It is intended to reactivate the drive for withdrawal to position 46 in its regular withdrawal sequence during the next startup and then valve the drive out-of-service so that it will not scram. It will be considered as an inoperable drive as specified in section 3.3 of the Technical Specifications.

Sincerely,



H.K. Hoyt
Superintendent

HKH:rh