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JDC

June 16, 1980

Mr. James G. Keppler, Director
Directorate of Inspection and
Enforcement - Region III
U.S. Nuclear Regulatory Commission
799 Roosevelt Road
Glen Ellyn, IL 60137

Subject: Response to IE Bulletin 80-09
"Hydramotor Actuator Deficiencies",
Dresden Station Units 1 and 2
Quad Cities Station Units 1 and 2,
Zion Station Units 1 and 2,
LaSalle County Station Units 1 and 2,
Byron Station Units 1 and 2, and
Braidwood Station Units 1 and 2;
NRC Docket Nos. 50-10/237/249,
50-254/265, 50-295/304, 50-373/374,
50-454/455/456/457

Reference (a): J. G. Keppler letter to C. Reed
dated April 17, 1980

Dear Mr. Keppler:

In response to your request for information contained in Reference (a) concerning "Hydramotor Actuator Deficiencies", Commonwealth Edison submits the enclosed response. In the case of LaSalle County Station Units 1 and 2, Byron Station Units 1 and 2, and Braidwood Station Units 1 and 2, the review which is currently ongoing will be completed in early July. A final response for these units will be submitted by July 18, 1980. This extension was discussed with Mr. R. L. Spessard of the Region III Office.

If you have any other questions in this regard, please direct them to this office.

Very truly yours,

fa/ *L. O. DelGeorge*
D. L. Peoples
Director of
Nuclear Licensing

Enclosure

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cc: U.S. Nuclear Regulatory Commission
Director of Reactor Construction Inspection, O.I.E.
Washington, DC 20555

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Enclosure
Response to IE Bulletin 80-09

Dresden Station Units 1, 2 and 3

1. The investigation of activities on Unit 2 and 3 has resulted in determination that no safety-related system or component in these facilities use AH-90 or NH-90 series Hydramotor Actuators.
2. The investigation of actuators on Unit 1 had identified two applications of ITT-GC Hydramotor actuators:
 - (a) The Unit 1 "A" and "B" heating boilers employs HO actuators, which are not identified as deficient in the subject Bulletin;
 - (b) The Unit 1 HPCI ventilation system employs ITT NH-90 series actuators to operate ventilation dampers. The subject system is under construction and is not yet in service. The design actuator spring material is being reviewed, and a verification program for margin with respect to thrust capability for long term operation will be completed. Because this unit is currently in an extended outage and is not expected to return to service until June, 1986, sufficient time is available to resolve this issue. Appropriate modifications and tests will be completed prior to Unit 1 being returned to service.

Quad Cities Station Units 1 and 2

The investigation of actuators on Unit 1 and 2 has resulted in the determination that no safety-related system or component in these facilities use AH-90 or NH 90 series Hydramotor actuators.

Zion Station Units 1 and 2

The ITT-GC actuators mentioned in the above referenced bulletin are not used at Zion Station. All MOV's are of the Limitorque type, except eight Ramcon type used in the service water back wash system. Zion's ventilation systems are pneumatically controlled except for some electrically operated dampers using small Honeywell units.

None of the maintenance departments (mechanical, electrical or instrument) have any records indicative of use or service of this type of unit. The storeroom master vendor card file, containing part information for all equipment at the station, has no record of ITT-GC.

LaSalle County Station Units 1 and 2,
Byron Station Units 1 and 2, and
Braidwood Station Units 1 and 2

Since these units are currently under construction and component records are as yet incomplete, vendor inquiries were required to completely address the subject Bulletin. Completion of the review will be accomplished in early - July and a final submittal made by July 18, 1980.

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