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U-602227
L16-93(12-22)LP
4F.140

Docket No. 50-461

December 22, 1993

10CFR21.21

Document Control Desk
Nuclear Regulatory Commission
Washington, D. C. 20555

Subject: 10CFR21 Defect 21-93-029: Potential for Motor Pinion Key Failure in
Limitorque Actuators due to Excessive Torque During Valve Backseating
and MOVATS Testing

Dear Sir:

On December 10, 1993, Illinois Power notified the NRC Operations Center by facsimile of the subject defect. This initial notification was followed by written notification in letter U-602214 dated December 10, 1993. The notification discusses the discovery of a broken motor shaft pinion key in the actuator of motor-operated High Pressure Core Spray (HPCS) system injection and containment isolation valve 1E22-F004. Illinois Power evaluated the key failure and concluded the issue was a defect and reportable under the provisions of 10CFR21. The initial and written notifications incorrectly identify the actuator of valve 1E22-F004 as "model SB, size 3 with a forty foot-pound, 3600 revolutions per minute motor." The description of the actuator should be "model SB, size 3 with an eighty foot-pound, 3600 revolutions per minute motor."

Illinois Power regrets any inconvenience this error may have caused.

Sincerely yours,

Richard F. Phares
Director - Licensing

300051

RSF/scf

cc: NRC Resident Office, V-690
NRC Clinton Licensing Project Manager
Regional Administrator, Region III, USNRC
Director, Office of Nuclear Reactor Regulation
INPO Records Center
Illinois Department of Nuclear Safety
ITI MOVATS, Inc.
Limitorque Corporation

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