

ML020590430.txt

LICENSEE: ILLINOIS POWER CO.

SITE: CLINTON 1

EN NUMBER: 26185

DOCKET: 05000461

EVENT DATE: 10-07-93

RX TYPE: BWR

EVENT TIME: 10:03

VENDORS: GE-6

NOTIFY DATE: 10-08-93

EMERGENCY CLASS: N/A REGION: 3 STATE: IL

TIME: 02:32

OPS OFFICER: JACK LEWIS

10 CFR SECTION: AIND 50.72(b)(2)(iii)(D) ACCIDENT MITIGATION

UNIT SCRAM RX INIT INITIAL MODE CURR CURRENT MODE

CODE CRIT PWR PWR

| | | | | | | |
|---|---|---|---|-----------|---|-----------|
| 1 | N | N | 0 | REFUELING | 0 | REFUELING |
|---|---|---|---|-----------|---|-----------|

-FAILURE OF THE HIGH PRESSURE CORE SPRAY INJECTION VALVE-

TEXT OF FAX RECEIVED:

"THIS REPORT IS BEING MADE DUE TO THE POSSIBLE FAILURE OF THE HIGH PRESSURE CORE SPRAY (HPCS) INJECTION VALVE 1E22-FOO4.

DURING TESTING/INSPECTION OF 1E22-F004 FOR GL 89-10, THE MOTOR PINION KEY WAS FOUND SHEARED ALLOWING THE PINION TO SPIN ON THE MOTOR SHAFT. THE VALVE WAS STROKED SATISFACTORILY BEFORE THE TESTING BUT WITH NO PRESSURE DIFFERENCE ACROSS THE VALVE.

THE PINION WAS SEIZED TO THE SHAFT, WHICH ALLOWED THE VALVE TO STROKE UNDER NO LOAD. HOWEVER IT IS NOT BELIEVED THAT THE VALVE COULD HAVE STROKED UNDER LOAD (SYSTEM PRESSURE). A CONDITION REPORT WAS INITIATED TO TRACK THE DEFICIENCY. ALSO, THE PINION GEAR/PINION KEY ARE TO BE INSPECTED FOR THE FAILURE MECHANISM." END OF TEXT.

THE LICENSEE WILL INFORM THE NRC RESIDENT INSPECTOR.

*** UPDATE DATE/TIME: 11/22/93 @ 1320 *** FROM LICENSEE: SHORT BY: MCGINTY ***

THE LICENSEE RETRACTED THIS EVENT NOTIFICATION BECAUSE AN ENGINEERING EVALUATION HAS DETERMINED THAT THE VALVE WAS STILL OPERABLE IN THE CONDITION FOUND. THE LICENSEE FORWARDED THE SIX PAGE ENGINEERING EVALUATION TO THE OPERATIONS CENTER VIA FAX FOR INFORMATION. THE LICENSEE HAS INFORMED THE RESIDENT INSPECTOR. HOO NOTIFIED THE R3DO (PHILLIPS).