

LICENSEE: WASHINGTON PUBLIC POWER SUPPLY SYST
 SITE: WASHINGTON NUCLEAR 2 EN NUMBER:26830
 DOCKET: 05000397 EVENT DATE: 02-22-94
 RX TYPE: BWR EVENT TIME: 19:11
 VENDORS: GE-5 NOTIFY DATE: 02-22-94
 EMERGENCY CLASS: N/A REGION: 5 STATE: WA TIME: 23:39
 OPS OFFICER: TIM MCGINTY
 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
 2 N Y 100 POWER OPERATION 100 POWER OPERATION

RCIC WARM-UP VALVE MOTOR OPERATOR WOULD PROVIDE INSUFFICIENT THRUST TO CLOSE FOR A POSTULATED HELB OUTSIDE CONTAINMENT.

THE LICENSEE SUBMITTED THE FOLLOWING FAX:
 "DURING HIGH ENERGY LINE BREAK (HELB) CALCULATION REVIEW, THE ORIGINAL VENDOR DATA FOR "RCIC-V-76" WAS DETERMINED TO BE INCORRECT. THE SIZE OF THE MOV ACTUATOR CURRENTLY INSTALLED ON "RCIC-V-76" WAS BASED ON A VALVE PLUG SIZE WHICH WAS JUST DISCOVERED TO BE ONE-THIRD OF ITS ACTUAL PLUG SIZE. FOR NORMAL RCIC OPERATIONS THIS MOV HAS PROVED TO BE ADEQUATE. HOWEVER, FOR A POSTULATED HELB DOWNSTREAM OF "RCIC-V-76" (AND OUTSIDE CONTAINMENT), THE CURRENTLY INSTALLED MOV CANNOT PROVIDE SUFFICIENT CLOSING THRUST IN ITS CURRENT CONFIGURATION (i.e. THE MOV WILL NOT CLOSE "RCIC-V-76" AFTER HELB).

THE IMPACT OF THE INABILITY TO CLOSE "RCIC-V-76" DURING HELB OUTSIDE PRIMARY CONTAINMENT IS TO CHALLENGE THE ABILITY OF SECONDARY CONTAINMENT TO PERFORM ITS SAFETY FUNCTION AND ACCIDENT MITIGATION.

CURRENTLY, "RCIC-V-76" IS DE-ENERGIZED AND CLOSED IN RESPONSE TO THIS FINDING. RCIC IS NOT CONSIDERED INOPERABLE BECAUSE "RCIC-V-76" IS NOT REQUIRED TO BE OPEN IN ORDER FOR RCIC TO START OR RUN DURING ANY PLANT UPSET OR TRANSIENT."
 END OF TEXT

THE VALVE PLUG SIZE REFERS TO THE SIZE OF THE PLUG THAT MOVES INTO THE VALVE SEAT. THE VALVE IS A ONE INCH RATED VALVE ON A ONE INCH LINE. THE VALVE IS USED FOR WARMING UP RCIC TO PUT IT INTO A STANDBY STATUS (LIKE FOR A STARTUP FROM COLD SHUTDOWN). THE LONG TERM CORRECTIVE ACTION IS BEING INVESTIGATED, AND MAY POSSIBLY INVOLVE RE-CONFIGURING OR REPLACING THE MOTOR OPERATOR. THE LICENSEE WILL NOTIFY THE RESIDENT INSPECTOR.