

LICENSEE: OMAHA PUBLIC POWER DISTRICT
 SITE: FT CALHOUN 1 EN NUMBER: 26169
 DOCKET: 05000285 EVENT DATE: 10-05-93
 RX TYPE: PWR EVENT TIME: 15:15
 VENDORS: CE NOTIFY DATE: 10-05-93
 EMERGENCY CLASS: N/A REGION: 4 STATE: NE TIME: 18:13
 OPS OFFICER: RUDY KARSCH
 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

BOTH PORVs COULD FAIL TO OPERATE TO MITIGATE A LOW TEMPERATURE OVERPRESSURE (LTOP) EVENT.

ON 9/26/93, DURING PERFORMANCE OF SURVEILLANCE TESTING OF THE PORVs FOR OPENING AND CLOSING TIME, IT WAS DETERMINED THAT PCV-102-1 FAILED TO OPEN DURING MULTIPLE ACTUATIONS. THE OTHER PORV HAS SIMILAR GEOMETRY AND THE LICENSEE ASSUMES IT WOULD FAIL ALSO. THE VALVES ARE UNDERGOING TESTS AT WYLE LABS TO DETERMINE IF REMOVAL OF THE LOOP SEALS WILL ELIMINATE DIFFERENTIAL EXPANSION AND CORRECT THE PROBLEM. OTHER LICENSEES USING THE SAME MODEL DRESSER VALVE HAVE SOLVED THE PROBLEM OF VALVE BINDING BY REMOVING THE LOOP SEAL. AT PRESENT THE REACTOR VESSEL HEAD HAS BEEN REMOVED AND THE SYSTEM IS AT ATMOSPHERIC PRESSURE. THE LICENSEE INFORMED THE NRC RESIDENT INSPECTOR.