

LICENSEE: NORTHEAST UTILITIES
SITE: MILLSTONE 3 EN NUMBER: 26175
DOCKET: 05000423 EVENT DATE: 10-06-93
RX TYPE: PWR EVENT TIME: 17:40
VENDORS: W-4-LP NOTIFY DATE: 10-06-93
EMERGENCY CLASS: N/A REGION: 1 STATE: CT TIME: 17:47
OPS OFFICER: RUDY KARSCH
10 CFR SECTION: ADAS 50.72(b)(2)(i) DEG/UNANALYZED COND
UNIT SCRAM RX INIT INITIAL MODE CURR CURRENT MODE
CODE CRIT PWR PWR
3 N N 0 COLD SHUTDOWN 0 COLD SHUTDOWN

LICENSEE INFORMED VIA WESTINGHOUSE NSAL THAT A SPURIOUS ECCS ACTUATION UNDER CERTAIN CONDITIONS COULD CAUSE A PRESSURIZER SAFETY VALVE TO STICK OPEN, RESULTING IN A SMALL BREAK LOSS OF COOLANT ACCIDENT.

TEXT OF LICENSEE'S FAX NOTIFICATION:

"WESTINGHOUSE HAS DETERMINED THAT A CONDITION OUTSIDE THE DESIGN BASIS OF THE PLANT EXISTS. A SPURIOUS ECCS ACTUATION COULD LEAD TO A SMALL BREAK LOSS OF COOLANT ACCIDENT. THE PLANT WILL REMAIN SHUTDOWN UNTIL THIS IS RESOLVED."

THE FOLLOWING ASSUMPTIONS MUST BE APPLIED: REMOVAL OF HEAT FROM THE SECONDARY SIDE IS ONLY AVAILABLE THROUGH THE SAFETY VALVES WHICH DO NOT OPEN UNTIL THE PRESSURE REACHES 110%; THE REACTOR TRIPS ON THE SI SIGNAL AND CHARGING PUMPS INJECT, ADDING TO AN ALREADY HIGH LEVEL IN THE PRESSURIZER DUE TO PRIMARY SYSTEM HEAT UP CAUSED BY THE DELAY IN OPENING THE STEAM SAFETIES; THE PRESSURIZER SAFETIES THEN OPEN AND QUICKLY PASS WATER DUE TO THE ELEVATED PRESSURIZER LEVEL; THE SAFETIES FAIL TO RECLOSE DUE TO DAMAGE CAUSED BY THE WATER.

THE LICENSEE'S SHORT TERM CORRECTIVE ACTION IS TO REMOVE CONSERVATISMS IN THE ANALYSIS (ie. INITIAL PRESSURIZER LEVEL AND STEAM SAFETY OPENING) TO ALLOW ENOUGH TIME FOR OPERATOR ACTION. HAVE ONE PORV AVAILABLE AT ALL TIMES.

THE LICENSEE'S LONG TERM CORRECTIVE ACTION IS STILL UNDER REVIEW. CORRECTION OF THIS PROBLEM IS NOT ON THE CRITICAL PATH FOR PLANT RESTART.

THE LICENSEE INFORMED THE NRC RESIDENT INSPECTOR.