

LICENSEE: COMMONWEALTH EDISON CO.
 SITE: QUAD CITIES 1 EN NUMBER: 26884
 DOCKET: 05000254 EVENT DATE: 03-04-94
 RX TYPE: BWR EVENT TIME: 23:00
 VENDORS: GE-3 NOTIFY DATE: 03-05-94
 EMERGENCY CLASS: N/A REGION: 3 STATE: IL TIME: 01:17
 OPS OFFICER: TIM MCGINTY
 10 CFR SECTION: AIND 50.72(b)(2)(iii)(D) ACCIDENT MITIGATION
 NLCO TECH SPEC LCO A/S
 UNIT SCRAM RX INIT INITIAL MODE CURR CURRENT MODE
 CODE CRIT PWR PWR
 1 N Y 87 POWER OPERATION 87 POWER OPERATION

BASED ON AN ENGINEERING EVALUATION, IT WAS DETERMINED THAT THE UNIT 1 RCIC (RX CORE ISOLATION COOLING) CONTAINMENT INBOARD STEAM ISOLATION VALVE (MO-1-1301-16) WOULD NOT CLOSE AS PER DESIGN.

THE VALVE IS A 6" GATE VALVE, MANUFACTURED BY CRANE. BASED ON THE RESULTS OF EPRI TESTING UNDER BLOWDOWN CONDITIONS AT RATED PRESSURES ON THESE VALVES, WHICH DETERMINED VALVE FACTORS TO BE AS HIGH AS .85, THE LICENSEE EVALUATED THE MOTOR SIZING CALCULATIONS AND PREVIOUS TEST RESULTS ON EIGHT SUCH VALVES. THE "16" VALVE IS THE ONLY ONE THAT COULD NOT MEET THE OPERABILITY ACCEPTANCE CRITERIA. THE PREVIOUS ANALYSIS FOR THE "16" VALVE ASSUMED A VALVE FACTOR OF .447.

THE RCIC SYSTEM WAS DECLARED INOPERABLE AND A 14 DAY LCO A/S ENTERED PER TS 3.5.E. ALL ECCS SYSTEMS ARE OPERABLE AT THIS TIME. THE SYSTEM HAS BEEN ISOLATED BY CLOSING AND TAKING OUT OF SERVICE THE "17" VALVE (OUTBOARD CONTAINMENT ISOLATION). THE LICENSEE WILL CONTINUE TO EVALUATE THE SITUATION FOR CORRECTIVE ACTIONS, AND HAS INFORMED THE RESIDENT INSPECTOR.