

ML020910372.txt

LICENSEE: CONSOLIDATED EDISON CO. OF N.Y./NEW  
SITE: INDIAN POINT 3 EN NUMBER: 26791  
DOCKET: 05000286 EVENT DATE: 02-15-94  
RX TYPE: PWR EVENT TIME: 11:20  
VENDORS: W-4-LP NOTIFY DATE: 02-15-94  
EMERGENCY CLASS: N/A REGION: 1 STATE: NY TIME: 11:33  
OPS OFFICER: GREG SCARFO  
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

AN ENGINEERING EVALUATION HAD FOUND AN ELECTRICAL CONDITION SUCH THAT THE SAFETY INJECTION (SI) AND RESIDUAL HEAT REMOVAL (RHR) PUMPS MAY NOT RE-ENERGIZE AFTER A LOCA AND LOSS-OF-OFFSITE POWER.

THE FOLLOWING IS THE TEXT OF A FACSIMILE SUBMITTED BY THE LICENSEE:

"A DEFICIENCY HAS BEEN IDENTIFIED IN THE DESIGN OF THE ELECTRICAL SYSTEM. THIS DEFICIENCY AFFECTS THE 480VAC SYSTEM AND THE ENGINEERED SAFEGUARDS SYSTEM.

THE IDENTIFIED DEFICIENCY COULD PREVENT THE AUTOMATIC SEQUENCING OF SAFEGUARDS LOADS ONTO THE EMERGENCY DIESEL GENERATORS FOLLOWING AN SI ACTUATION AND THEN A LOSS OF OFFSITE POWER. THE AFFECTED LOADS WOULD BE THE RESIDUAL HEAT REMOVAL PUMPS (SHOULD THE BREAKER CLOSING SPRING RECHARGE LONGER THAN 5 SECONDS).

THE PLANT IS PRESENTLY IN A COLD SHUTDOWN CONDITION WITH SI LOCKED PER PROCEDURE."  
END OF TEXT.

ENGINEERING DETERMINED THAT THE "SPRING CHARGING MOTOR" ON THE 480V BREAKERS REQUIRE APPROXIMATELY 5 SECONDS TO RE-ENERGIZE FROM THE EMERGENCY DIESEL GENERATORS AFTER A LOCA AND LOSS-OF-OFFSITE POWER. HOWEVER, THE LOCA/LOOP SEQUENCER WILL ATTEMPT TO LOAD THE SAFETY INJECTION (SI) PUMP WITHIN 3 SECONDS AND THE RESIDUAL HEAT REMOVAL (RHR) PUMP WITHIN 5 SECONDS. UNDER THESE CONDITIONS, THE SI PUMP WILL NOT AUTOMATICALLY LOAD AND THE RHR PUMP MAY NOT AUTOMATICALLY LOAD. THESE ARE STANDARD, SAFETY-RELATED, 480V ELECTRICAL BREAKERS. THE LICENSEE WILL INFORM THE NRC RESIDENT INSPECTOR.