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NKAL424(1842)(2-096543E163)PD 06/12/73 1841

ICS IPMMTZZ CSP

3153422049 TDMT OSWEGO NY 194 06-12 0641P EST

PMS KEE YOUNG, TLX

CARE ATOMIC ENERGY COMMISSION DIVISION OF REACTIVE COMPLIANCE  
REGION 1 970 BROAD ST  
NEWARK NJ

REACTOR OPERATING AT 12 PERCENT POWER WITH 30 PERCENT BYPASSED  
STEAM (100 PERCENT BYPASS EQUALS 40 PERCENT TOTAL STEAM). REACTOR  
PSIG 950, TORUS TEMPERATURE 75 DEGREES F TORUS LEVEL 3.2 FEET  
SUBMERGENCE. TESTING OF ELECTROMATIC RELIEF VALVES IN PROGRESS.  
ALL VALVES HAD RESPONDED SATISFACTORILY UP TO THIS TIME. OPENED  
FIFTH VALVE OF SIX (113) AT 0808 HOURS. INDICATED BYPASS STEAM  
DROPPED TO 16 PERCENT. ELECTROMATIC VALVE SWITCH THEN CLOSED  
(DURATION OF CYCLE 1.32 SECONDS). BYPASS INDICATION REMAINED  
AT 16 PERCENT. TORUS TEMPERATURE STARTED SLIGHT INCREASE TERMINATION

SF-1201 (RS-69)

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OF ELECTROMATIC OPERATION BY CLOSING MANUAL BLOCKING VALVE UPSTREAM  
OF 113 ELECTROMATIC. BYPASS VALVE POSITION RETURNED TO 27 PERCENT  
(REACTOR SHUT DOWN HAD BEGUN DURING ELECTROMATIC VALVE 113 OPERATION,  
THEREFORE DIFFERENCE IN STARTING AND ENDING BYPASS POSITION)  
TORUS TEMPERATURE HEAT AT 125 DEGREES F, LEVEL AT 3.6 FEET SUBMERGENC  
E. REACTOR PERAMETERS UNCHANGED DURING INCIDENT. CALCULATED  
MAXIMUM BLOWDOWN OF COOLANT 25,000 GALLONS, APPROXIMATELY 207  
K POUNDS OF STEAM. DURATION OF ELECTROMATIC OPERATION 43 MINUTES.  
REACTOR ORDERLY SHUT DOWN COMPLETED TO LESS THAN 110 PSIG AT  
1300 HOURS. TORUS COOLANT ACTIVITY INCREASED FROM 470 C/M/ML  
TO 526 C/M/ML DURING INCIDENT. WRITTEN REPORT TO FOLLOW BY JUNE  
22 1973

T J PERKINS 9 MILE POINT NUCLEAR POWER STATION

50-220  
*hidat*