

LICENSEE: PUBLIC SERVICE ELECTRIC & GAS CO.
SITE: SALEM 2 EN NUMBER: 26462
DOCKET: 05000311 EVENT DATE: 12-03-93
RX TYPE: PWR EVENT TIME: 16:40
VENDORS: W-4-LP NOTIFY DATE: 12-03-93
EMERGENCY CLASS: N/A REGION: 1 STATE: NJ TIME: 17:22
OPS OFFICER: WILLIAM HUFFMAN
10 CFR SECTION: ASHU 50.72(b)(1)(i)(A) PLANT S/D REQD BY TS
UNIT SCRAM RX INIT INITIAL MODE CURR CURRENT MODE
CODE CRIT PWR PWR
2 N Y 100 POWER OPERATION 100 POWER OPERATION

EMERGENCY DIESEL GENERATOR FOUND TO HAVE CRACKS IN THE BLOCK AND IN ONE CYLINDER.

THE LICENSEE HAS COMMENCED A SHUTDOWN TO MODE 5 DUE TO CRACKS IN THE BLOCK AND ONE CYLINDER OF THE "2C" EMERGENCY DIESEL GENERATOR. THE EDG WAS TAGGED OUT OF SERVICE AT 0611 EST ON 12/2/93 FOR ROUTINE MAINTENANCE. AFTER COMPLETING THE MAINTENANCE, THE DIESEL WAS RUN FOR AN OPERABILITY TEST. FOLLOWING THE TEST, A JACKET WATER LEAK WAS OBSERVED FROM THE EDG.

INVESTIGATION INTO THE JACKET WATER LEAK REVEALED THAT THE DIESEL BLOCK AND ONE OF THE CYLINDERS WAS CRACKED. (SPECIFIC DESCRIPTION OF THE CRACKING WAS NOT AVAILABLE.) THE CAUSE OF THE CRACKS IS STILL UNDER INVESTIGATION. THE DIESEL MANUFACTURER IS ALCO.

WITH ONE OF THE THREE DIESELS OUT OF SERVICE, THE LICENSEE IS IN A 72 HOUR TECHNICAL SPECIFICATION LCO. THE CRACKS DISCOVERED ON THE "2C" DIESEL WOULD CLEARLY REQUIRE MORE TIME TO REPAIR THAN PERMITTED BY TECH SPECS SO THE LICENSEE HAS DECIDED TO SHUTDOWN.

THE NRC RESIDENT INSPECTOR WILL BE NOTIFIED.