



ZCZC 1 PD NEW YORK NY
PMS JAMES P O'REILLY DIRECTOR
DIRECTORATE OF REGULATORY OPERATIONS REGION 1
US ATOMIC ENERGY COMMISSION
970 BROAD STREET
NEWARK NEW JERSEY 07102

BT

PURSUANT TO THE REQUIREMENTS OF SECTION 6.6, PARAGRAPH 6.6.1
(A) OF THE TECHNICAL SPECIFICATIONS FOR FACILITY OPERATING
LICENSE NO. DPR-26 PLEASE BE ADVISED THAT ON APRIL 19, 1973 AT
APPROXIMATELY 10:00 A.M. AND AGAIN AT APPROXIMATELY 3:45 PM
BOTH DOORS OF THE 80' ELEVATION PERSONNEL AIR LOCK TO THE
CONTAINMENT BUILDING WERE INADVERTENTLY OPENED AT THE SAME TIME
FOR ABOUT TWO MINUTES DUE TO A MALFUNCTION OF THE MECHANICAL
INTERLOCK DEVICES. AT THE TIME OF BOTH OCCURRENCES THE REACTOR
WAS SHUTDOWN WITH ALL CONTROL RODS FULLY INSERTED. THE REACTOR
COOLANT SYSTEM PRESSURE AND TEMPERATURE WERE 450 PSIG AND 225F
RESPECTIVELY AND THE REACTOR COOLANT BORIC ACID CONCENTRATION
WAS 2240 PPM BORON. WITH THIS CONCENTRATION OF BORON AND ALL
CONTROL RODS FULLY INSERTED THE REACTOR WAS SUB-
CRITICAL BY AT LEAST 12 PER CENT β/k .

WE ARE CURRENTLY INVESTIGATING THE CAUSE OF THE INTERLOCK
MALFUNCTION AND WILL ADVISE YOU AT A LATER DATE OF OUR
FINDINGS AND CORRECTIVE ACTION TAKEN.

MR. ANTHONY FASANO OF YOUR OFFICE WAS INFORMED ON APRIL 19
1973 BY TELEPHONE OF THE ABOVE OCCURRENCES.

WILLIAM E CALDWELL JR.
VICE PRESIDENT

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