

RECEIVED  
APR 26 1973  
Per. *MA*

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

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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  $k/k$ .

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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