

FROM: T.J. PERKINS - ONE MILE POINT #1

RE: ABNORMAL OCCURRENCE REPORT 50-220-74-3 - MSIV LEAKAGE

PERSUANT TO TECHNICAL SPECIFICATION 1.13 e WE ARE REPORTING AS AN ABNORMAL OCCURRENCE THE FAILURE OF BOTH INSIDE MAIN STEAM ISOLATION VALVES TO MEET THE REQUIRED LEAKAGE LIMIT AS ESTABLISHED IN TECHNICAL SPECIFICATION 4.3.3.e(4).

ON APRIL 2, 1974, IN ACCORDANCE WITH TECHNICAL SPECIFICATION 4.3.3.e(4) THE FOUR (4) MSIV'S WERE LEAK TESTED. THE OUTSIDE VALVES IN EACH LINE (2) SUCCESSFULLY PASSED THE LEAK RATE TEST WITH: #112 - 7.85 SCFH
#122 - 0.24 SCFH

THE LIMIT FOR INDIVIDUAL VALVE LEAKAGE HAS BEEN ESTABLISHED AS 12.9 SCFH. THE INSIDE VALVES IN EACH LINE LEAKED IN EXCESS OF 180 SCFH.

UNDER ACCIDENT CONDITIONS BOTH MAIN STEAM LINES WOULD BE ESSENTIALLY LEAK TIGHT THE RESULT OF THE LOW LEAKAGE THROUGH THE OUTSIDE VALVES. THEREFORE, NO HAZARD WOULD BE PRESENTED TO THE GENERAL PUBLIC.

THE CAUSE OF THE EXCESSIVE INSIDE VALVE LEAKAGE WOULD OCCUR AS A RESULT OF:

1. IMPROPER POSITION SWITCH
2. IMPROPER SEATING OF THE DISC.

WE ARE PRESENTLY TESTING TO DETERMINE THE CAUSE OF THE LEAKAGE.

CORRECTIVE ACTION WOULD THEN DICTATE:

1. READJUSTMENT OF THE POSITION SETTING OR
2. MACHINE LAPPING OF THE VALVE SEAT.

THOMAS J. PERKINS

STATION SUPERINTENDENT

U.S. ATOMIC ENERGY COM.
DIVISION OF COMPLIANCE

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