

CONTROL BLOCK: _____ (PLEASE PRINT OR TYPE ALL REQUIRED INFORMATION)

01 MIDCC1 200-00000-00 341111 4 _____ 5
7 8 9 LICENSEE CODE 14 15 LICENSE NUMBER 25 26 LICENSE TYPE 30 57 CAT 58

01 REPORT SOURCE L 605000315 7072981 8111081 9
7 8 60 61 DOCKET NUMBER 68 69 EVENT DATE 74 75 REPORT DATE 80

EVENT DESCRIPTION AND PROBABLE CONSEQUENCES (10)

02 ON JULY 27, 1981, AT APPROXIMATELY 5:30 A.M. A LOUD THUMP WAS HEARD BY PLANT
03 PERSONNEL WHO WERE INSIDE CONTAINMENT ON ELEVATION 650'. INSPECTIONS WERE PERFORMED
04 AND ON JULY 29, 1981, ONE OF THE FOUR RESTRAINTS FOR NO. 12 REACTOR COOLANT PUMP WAS
05 FOUND TO BE MISSING ONE BEARING PLATE. THAT CONSTITUTED A CONDITION NOT SPECIFICALLY
06 CONSIDERED IN THE SAFETY ANALYSIS REPORT WHICH REQUIRED REMEDIAL ACTION TO PREVENT
07 DEVELOPMENT OF AN UNSAFE CONDITION. IN THE EVENT OF CERTAIN POSTULATED PIPE
08 RUPTURES, THE BEARING PLATE WOULD NOT HAVE PERFORMED (CONTINUED...)

09 SYSTEM CODE CAUSE CODE CAUSE SUBCODE COMPONENT CODE COMP. SUBCODE VALVE SUBCODE
C J 11 E 12 B 13 SUPPORT 14 X 15 Z 16
7 8 9 10 11 12 13 18 19 20
17 LER/RO REPORT NUMBER EVENT YEAR SEQUENTIAL REPORT NO. OCCURRENCE CODE REPORT TYPE REVISION NO.
8 1 0 2 6 9 9 X 1
21 22 23 24 26 27 28 29 30 31 32
ACTION TAKEN FUTURE ACTION EFFECT ON PLANT SHUTDOWN METHOD HOURS ATTACHMENT SUBMITTED NRPD-4 FORM SUB. PRIME COMP. SUPPLIER COMPONENT MANUFACTURER
B 18 E 19 C 20 Z 21 0 0 0 0 Y 23 N 24 A 25 X 9 9 9 26
33 34 35 36 37 40 41 42 43 44 47

CAUSE DESCRIPTION AND CORRECTIVE ACTIONS (27)

10 THE STUDS WHICH HAD HELD THE BEARING PLATE IN PLACE HAD SHEARED OFF AND ALLOWED
11 THE PLATE TO FALL FROM ITS INSTALLED LOCATION. THE BEARING PLATE WAS REINSTALLED
12 AND READJUSTED. ALL OF THE REACTOR COOLANT PUMPS WERE SUBSEQUENTLY INSPECTED
13 AND NO SIMILAR CONDITIONS WERE NOTED. HOWEVER, ONE OTHER BEARING PLATE ON
14 NO. 12 AND ONE BEARING PLATE ON NO. 13 REACTOR COOLANT PUMP WERE (CONTINUED...)

15 FACILITY STATUS % POWER OTHER STATUS METHOD OF DISCOVERY DISCOVERY DESCRIPTION
C 28 0 0 0 NA 30 B 31 PRE-CRITICALITY INSPECTION 32
7 8 9 10 11 12 13 44 45 46 80

16 ACTIVITY CONTENT RELEASED OF RELEASE AMOUNT OF ACTIVITY LOCATION OF RELEASE
Z 33 Z 34 NA NA 35 NA 36
7 8 9 10 11 44 45 80

17 PERSONNEL EXPOSURES NUMBER TYPE DESCRIPTION
0 0 0 37 Z 38 NA 39
7 8 9 10 11 12 13 80

18 PERSONNEL INJURIES NUMBER DESCRIPTION
0 0 0 40 NA 41
7 8 9 10 11 12 80

19 LOSS OF OR DAMAGE TO FACILITY TYPE DESCRIPTION
Z 42 NA 43
7 8 9 10 80

20 PUBLICITY ISSUED DESCRIPTION
N 44 NA 45
7 8 9 10 80

8111190810 811110
PDR ADOCK 05000315
S PDR

NRC USE ONLY

SUPPLEMENT TO LER # 81-026/99X-1

SUPPLEMENT TO EVENT DESCRIPTION

ITS INTENDED FUNCTION, WHICH IS TO REDUCE IMPACT FORCES DURING SUCH AN EVENT, AND COULD POSSIBLY NOT HAVE PERFORMED ITS INTENDED SEISMIC FUNCTION. THIS REPORT IS BEING SUBMITTED PER TECH. SPEC. 6.9.1.8.1. THIS IS THE FIRST OCCURRENCE OF THIS TYPE.

SUPPLEMENT TO CAUSE DESCRIPTION

FOUND TO BE OUT OF ADJUSTMENT. THESE BEARING PLATES WERE READJUSTED TO OBTAIN PROPER CLEARANCES.

THE APPARENT CAUSE OF THE FAILURE WAS LOCK-UP OF THE BEARING PLATE SURFACES DURING MOVEMENT CAUSED BY THERMAL EXPANSION. AN ENGINEERING EVALUATION IS IN PROGRESS. HOT AND COLD CLEARANCE MEASUREMENTS WILL BE OBTAINED DURING THE NEXT COLD SHUTDOWN AND ADJUSTMENTS WILL BE MADE IF NECESSARY.