. CONTROL BLOCK: []] [] (PLEASE PRINT OR TYPE ALL REQUIRED INFORMATION)
0 1 N C B E P 1 2 0 0 - 0 0 0 0 - 0 0 3 4 1 1 1 1 4 5 5 CAT 58
O 1 SOURCE L 6 0 5 0 - 0 3 2 5 7 0 4 0 5 8 2 8 0 5 7 4 8 2 9 TO 1 SOURCE L 6 0 5 0 - 0 3 2 5 7 0 4 0 5 8 2 8 0 5 7 4 8 2 9
During plant operation, while performing the RHRSW System operability test, PT-08.1.4,
[0] a vibration of 3.2 mils was measured for 1B RHRSW pump which exceeded the specified
0 4 action range of > 3 mils. In accordance with technical specifications, the pump was
[0]5] [declared inoperable. At the time of this event, the remaining RHRSW pumps of both
0 6 RHRSW subsystems were operable. This event did not affect the health and safety of
0 7 the public.
Technical Specifications 3.7.1.1, 6.9.1.9b
SYSTEM CAUSE CODE SUBCODE COMPONENT CODE SUBCODE SUBCO
17 REPORT NUMBER 21 22 23 24 26 27 28 29 30 31 31 ACTION FUTURE EFFECT SHUTDOWN METHOD HOURS 22 ATTACHMENT SUBMITTED FORM SUB. SUPPLIER MANUFACTURER TAKEN ACTION ON PLANT METHOD HOURS 22 ATTACHMENT SUBMITTED FORM SUB. SUPPLIER MANUFACTURER TO 1 TO
CAUSE DESCRIPTION AND CORRECTIVE ACTIONS (27) [1 0 A failure of the pump packing gland allowed service water to enter the pump bearing
housing resulting in corrosion of the bearing surface, causing the vibration problem.
The pump bearing has been replaced. A different type packing gland of greater
durability will be installed in the pump in accordance with an approved plant
modification following its receipt from the manufacturer.
FACILITY STATUS SPOWER OTHER STATUS 30 METHOD OF DISCOVERY DESCRIPTION 32 NA B 3 1 Periodic Test
RELEASED OF RELEASE AMOUNT OF ACTIVITY 35 NA LOCATION OF RELEASE 36 NA NA NA LOCATION OF RELEASE 36
PERSONNEL EXPOSURES NUMBER TYPE DESCRIPTION 39 NA NA NA 80
PERSONNEL INJURIES NUMBER DESCRIPTION 41 NA NA
1 8 9 11 12 LOSS OF OR DAMAGE TO FACILITY 43 TYPE DESCRIPTION 43
1 9 Z 42 NA NA PUBLICITY
ISSUED DESCRIPTION (45) 8206010343 NA
NAME OF PREPARER M. J. Pastva, Jr. PHONE: 919-457-9521

LER ATTACHMENT - RO #1-82-47

Facility: BSEP Unit No. 1 Event Date: April 5, 1982

While performing the RHR Service Water System operability test, PT-08.1.4, an out-of-tolerance vibration of 3.2 mils was measured for 1B RHR service water pump. The specified action range for vibration of this pump is greater than 3 mils. An inspection of the pump revealed an accumulation of service water in the pump bearing housing which caused corrosion of the bearing surface. It was determined the service water had entered the bearing housing as a result of a failed pump packing gland.

The pump bearing was replaced. Following its receipt from the manufacturer, a different type packing gland of greater durability will be installed in the pump in accordance with an approved plant modification. In addition, the other RHR service water pumps of both units will be modified with the different type packing gland as plant conditions of each unit permit.