U. S. NUCLEAR REGULATORY COMMISSION NRC FORM 366 Update Report (7-77) LICENSEE EVENT REPORT Previous Report Date 2-17-82 (PLEASE PRINT OR TYPE ALL REQUIRED INFORMATION) CONTROL BLOCK: $\square(1)$ 0 0 0 0 0 - 0 0 3 LICENSE NUMBER 25 26 C B E 2 0 0 LICENSEE CODE CON'T REPORT 2 6 0 3 1 8 8 2 74 BEPORT DATE 2 4 7 0 1 2 (6) 0 5 0 - 0 3 0 1 SOURCE EVENT DESCRIPTION AND PROBABLE CONSEQUENCES (10 [Routine surveillance during plant operations revealed that dryw 11 floor drain (DWFD) 0 2 flow integrator, 1-G16-FQ-K601, was continuously indicating DWFD sump flow with no 03 DWFD pumps running. The DWFD flow integrator was declared inoperable in accordance 0 4 with technical specifications. A similar event was reported in LER's 2-81-67 and 0 5 1-82-1. This event did not affect the health and safety of the public. 0 6 0 7 Technical Specifications 3.4.3.1b, 6.9.1.9b SYSTEM CAUSE CAUSE SUBCODE COMP. VALVE COMPONENT CODE SUBCODE CODE E (13) U (14) T (15 NS TI R Z (16) C | I (11 E (12 REVISION SEQUENTIAL OCCURRENCE REPORT EVENT YEAR REPORT NO. CODE TYPE NO LER/RO 10 3 L 11 REPORT 2 8 0 1 NUMBER 32 NPRD-4 PRIME COMP. COMPONENT ACTION FUTURE EFFECT ON PLANT SHUTDOWN ATTACHMENT SUBMITTED HOURS FORM SUB. MANUFACTURER GI 01 81 SUPPLIER. N Y 24 0 01 0 F Z Z CAUSE DESCRIPTION AND CORRECTIVE ACTIONS (27) The integrator square root converter, 1-G16-FY-K601, Model No. 565, and flow trans-| mitter, 1-G16-FT-N003, Model No. 555, were out of calibration causing the erroneous flow indications. FY-K601, N003 and FQ-K601 were calibrated and returned to service. In order to improve the reliability of FQ-K601, a modification to install a vortex type flowmeter in place of NOO3 will be installed. 4 METHOD OF DISCOVERY FACILITY (30)Operator Surveillance OTHER STATUS % POWER 7 NA A (31 E (28) 0 6 1 ACTIVITY CONTENT 80 LOCATION OF RELEASE (36) AMOUNT OF ACTIVITY (35) RELEASED_OF RELEASE Z 33 Z (34) NA NA 80 PERSONNEL EXPOSURES DESCRIPTION (39) TYPE 0 0 0 37 Z (38) NA PERSONNEL INJURIES 80 DESCRIPTION(41) NUMBER 0 0 40 NA 0 11 80 LOSS OF OR DAMAGE TO FACILITY (43) TYPE DESCRIPTION NA Z (42) RÉ 8204160275 820318 PUBLICITY NRC USE ONLY DESCRIPTION (45 05000324 PDR ADOCK PDR N 1(44 NA 80 M. J. Pastva, Jr. PHONE (919) 457-9521

LER ATTACHMENT - RO #2-82-18

Facility: BSEP Unit No. 2

Event Date: January 20, 1982

Routine operator surveillance during plant operation resealed that the drywell floor drain (DWFD) sump flow integrator, 1-G16-FQ-K601, General Electric Model No. 561, was showing indication of sump pump flow although no DWFD pumps were running. Troubleshooting revealed that the integrator was functioning out of calibration tolerances and showing erroneous indications. This occurred because the integrator square root converter and flow transmitter were both functioning out of calibration tolerances, with each failure attributed to instrument drift.

The integrator square root converter, 1-G16-FY-K601, General Electric Model No. 565, and the integrator flow transmitter, 1-G16-FT-N003, General Electric Model No. 555, were calibrated along with the integrator. The integrator was then observed for proper operation and was declared operable and returned to service.

Due to several past similar events involving the drywell equipment drain and floor drain integrating systems on both Unit Nos. 1 and 2, a plant modification has been developed. The major objective of this plant modification will be to eliminate the transmitter utilized in the present integrator system and replace it with a flowmeter. It is felt this will help in the prevention of similar events. Presently a target date for installation and completion of this modification has not been established.