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ACCESSION NBR:7908310377 DUC.DATE: 79/08/24 NOTARIZED: NO DOCKET # FACIL:50=331 Duane Arnold Energy Center, Iowa Electric Light & Pow 05000331 AUTH.NAME AUTHOR AFFILIATION SICKEL,J.V. Iowa Electric Light & Power Co. RECIP.NAME RECIPIENT AFFILIATION Region 3, Chicago, Office of the Director

SUBJECT: LER 79=018/03L=0 on 790726:during surveillance testing pressure differential switches to reactor bldg vacuum breakers tripped out of spec values,Pressure differential 4305 was out of tolerance due to instrument drift.

NOTES:

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S. NULLEAR REU NRC FORM 366 (7.77). ___ ICENSEE EVENT REPORT (PLEASE PRINT OR TYPE ALL REQUIRED INFORMATION) CONTROL BLOCK: -00000-0034D A LICENSE NUMBER LICENSEE CODE CON'T 30824793 1 0 0 7 2 6 7 9 REPORT 0 03 <u>[6][0</u> 0 1 SOURCE DOCKET NUMBER EVENT DESCRIPTION AND PROBABLE CONSEQUENCES (10) During surveillance testing the pressure differential switches which con 0 2 trol the suppression chamber to reactor building vacuum breakers tripped 03 at out of specification values. PDS 4304 had not tripped by the time the 0 4 upper limit (3.5 PSID) of the test instrument was reached and PDS 4305 t 0 5 ripped at .64 PSID. The setpoint required by Tech Spec 3.7.A.3 is .5 PSI 0 6 The switches were recalibrated and functionally tested. There were 3 D. 0.7 previous similar occurrences (see AO 75-33,RO 77-55 and 78-32). 69 8 0 9 8 COMP VALVE CAUSE SUBCODE SYSTEM CAUSE COMPONENT CODE SUBCODE SUBCODE U 1(14) St RI A (13) NI TI SA E 1 (12) (15 (16) (11) 9 18 REVISION OCCURRENCE REPORT SEQUENTIAL CODE REPORT NO EVENT YEAP 6 1 58/80 0 | 1 | 01 3 8 17 REPORT NUMBER PRIME COMP. COMPONENT NPRD-4 UTOOWN EFFECT FUTURE ACTION NUFACTURE HOURS SUBMITTED FORM SUB SUPPLIER ANT ON PL 0 (25 (23 CAUSE DESCRIPTION AND CORRECTIVE ACTIONS (27) The cause of PDS PDS 4305 was out of tolerance due to instrument drift. 1 0 Both switches are Barton model 288A pres 4304 not tripping is unknown. 111 The switches were calibrated and functiona sure differential switches. 1 2 11y tested with satisfactory results. A design review is currently in 1 3 progress to determine the adequacy of this instrument application. 14 80 9 8 METHOD OF DISCOVERY OTHER STATUS FACILITY DISCOVERY DESCRIPTION (32) % POWER Surveillance Test 0 В NΛ (31) 5 80 ACTIVITY CONTENT LOCATION OF RELEASE (36) AMOUNT OF ACTIVITY (35 RELEASED_OF RELEASE NA Z 33 Z 34 NA 6 80 49 10 11 PERSONNEL EXPOSURES 10 DESCRIPTION (39) TYPE NUMBER 0 0 0 (37) Z (38)NA 7 80 11 12 PERSONNEL INJURIES 13 DESCRIPTION (41) NUMBER 0 0 (40) NA З 80 11 12 LOSS OF OH DAMAGE TO FACILITY (43) 7908310377 TYPE DESCRIPTION NA 9 Ζ (42 80 10 NRC USE ONLY PUBLICITY DESCRIPTION (45) SSUED N (44 NΛ 0 80-53 64 10 319-851-5611 Van Sickel J., PHONE: NAME OF PREPARER.