NRC FORM 366 (7-77)

U. S. NUCLEAR REGULATORY COMMISSION

LICENSEE EVENT REPORT

CONTROL BLOCK: | | | | | | | (1) (PLEASE PRINT OR TYPE ALL REQUIRED INFORMATION)

Line	Field	Value
0 1	LICENSEE CODE (2)	I L Q A D 2
	LICENSE NUMBER (3)	0 0 0 - 0 0 0 - 0 0 0
	LICENSE TYPE (4)	4 1 1 1 1
	CAT (5)	
CON'T 0 1	REPORT SOURCE (6)	L
	DOCKET NUMBER (7)	0 5 0 0 0 2 6 5
	EVENT DATE (8)	1 2 2 8 8 0
	REPORT DATE (9)	0 1 1 6 8 1

EVENT DESCRIPTION AND PROBABLE CONSEQUENCES (10)

0 2 After pumping the Drywell Equipment Drain Sump, outboard isolation valve AO-2-2001-16
0 3 required approximately 15 minutes to give closed indication. Technical
0 4 Specifications require a closure time of less than or equal to 20 seconds. The
0 5 redundant isolation valve AO-2-2001-15 was placed in the closed position.
0 6 Isolation capability of the Equipment Drain Sump was always intact.
0 7
0 8

0 9	SYSTEM CODE (11)	CAUSE CODE (12)	CAUSE SUBCODE (13)	COMPONENT CODE (14)	COMP. SUBCODE (15)	VALVE SUBCODE (16)
	S D	E	B	V A L V O P	D	Z

(17) LER/RO REPORT NUMBER	EVENT YEAR		SEQUENTIAL REPORT NO.		OCCURRENCE CODE	REPORT TYPE		REVISION NO.
	8 0	—	0 3 5	/	0 3	L	—	0

ACTION TAKEN (18)	FUTURE ACTION (19)	EFFECT ON PLANT (20)	SHUTDOWN METHOD (21)	HOURS (22)	ATTACHMENT SUBMITTED (23)	NPRD-4 FORM SUB. (24)	PRIME COMP. SUPPLIER (25)	COMPONENT MANUFACTURER (26)
E	Z	Z	Z	0 0 0 0	Y	Y	N	C 6 6 5

CAUSE DESCRIPTION AND CORRECTIVE ACTIONS (27)

1 0 The position indication limit switch and the length of valve stem travel were out of
1 1 adjustment. The stroke of the valve stem was lengthened, the packing was adjusted,
1 2 and the limit switches were adjusted. The AO-2-2001-16 valve was cycled three
1 3 times satisfactorily with a closure time of 4.2 seconds.
1 4

1 5	FACILITY STATUS (28)	% POWER (29)	OTHER STATUS (30)	METHOD OF DISCOVERY (31)	DISCOVERY DESCRIPTION (32)
	E	0 7 9	NA	A	Operational Event

1 6	ACTIVITY RELEASED (33)	CONTENT OF RELEASE (34)	AMOUNT OF ACTIVITY (35)	LOCATION OF RELEASE (36)
	Z	Z	NA	NA

PERSONNEL EXPOSURES

1 7	NUMBER (37)	TYPE (38)	DESCRIPTION (39)
	0 0 0	Z	NA

PERSONNEL INJURIES

1 8	NUMBER (40)	DESCRIPTION (41)
	0 0 0	NA

LOSS OF OR DAMAGE TO FACILITY (43)

1 9	TYPE (42)	DESCRIPTION
	Z	NA

PUBLICITY

2 0	ISSUED (44)	DESCRIPTION (45)	NRC USE ONLY
	N	NA	

8102020445

NAME OF PREPARER R C Tubbs

PHONE: 309-654-2241, ext 174

I. LER NUMBER: LER/RO 80-35/03L

II. LICENSEE NAME: Commonwealth Edison Company
Quad-Cities Nuclear Power Station

III. FACILITY NAME: Unit Two

IV. DOCKET NUMBER: 050-265

V. EVENT DESCRIPTION:

On December 28, 1980, at 1600, the Drywell Equipment Drain Sump was undergoing routine pump down. Upon conclusion of the evolution it was noted that the outboard isolation valve, A0-2001-16, had an excessive closure time of approximately 15 minutes. Technical Specification Table 3.7-1, requires that the closure time shall be less than or equal to 20 seconds. Attempts were made to open the valve with no apparent success. Personnel were sent to the location of the valve and another attempt was made. It was reported that there was not enough travel to actuate the limit switches. There are no recorded instances of this valve failing in this mode.

VI. PROBABLE CONSEQUENCES OF THE OCCURRENCE:

Per Technical Specification 3.7.D.2., continued reactor operation is allowed, provided that at least one valve in that line is closed. The redundant outboard isolation valve, A0-2-2001-15, was closed. At all times the reactor was operated within the requirements of the Technical Specification.

Impact upon the system was also minimal. The recirculation through the Drywell Equipment Drain Sump coolers was in no way impaired, and the sump had been pumped down immediately prior to the occurrence. Coolant leakages were within Technical Specification limits.

VII. CAUSE:

Failure of the valve to close within the required time was due to a limit switch and the length of valve stem travel that were out of adjustment. The valve is a 3 inch 150 Cast Steel Gate valve manufactured by Crane Company.

VIII. CORRECTIVE ACTION:

The Drywell Equipment Drain Sump pumps were out of service during the repair and the following items were performed. The stroke of the valve stem was lengthened, packing was adjusted, and both the open and shut limit switches were reset. At 2200 the valve A0-2-2001-16 was cycled three times satisfactorily with a closure time of 4.2 seconds.