

# LICENSEE EVENT REPORT

CONTROL BLOCK: 1

(PLEASE PRINT OR TYPE ALL REQUIRED INFORMATION)

1 0 1 L Q A D 1 2 0 0 0 - 0 0 0 - 0 0 0 3 4 1 1 1 1 4 5

LICENSEE CODE

LICENSE NUMBER

LICENSE TYPE

CAT 58

CONT

REPORT

SOURCE

L 6 0 5 0 0 0 2 5 4 7 0 1 1 8 7 9 8 0 2 1 6 7 9 9

DOCKET NUMBER

EVENT DATE

REPORT DATE

EVENT DESCRIPTION AND PROBABLE CONSEQUENCES 10

While performing the Drywell Head Flange local leak rate test, it was determined the

flange seal gasket had a leak rate in excess of 30 SCFH and possibly in excess of

the Technical Specification 4.7.A.2.i.1 limit for double-gasketed seals of 36.72 SCFH.

SYSTEM  
CODE

CAUSE  
CODE

CAUSE  
SUBCODE

COMPONENT CODE

COMP.  
SUBCODE

VALVE  
SUBCODE

S D 11

E 12

B 13

P E N E T R 14

C 15

Z 16

LER/RO  
REPORT  
NUMBER

EVENT YEAR  
7 9

-

SEQUENTIAL  
REPORT NO.  
0 0 3

/

OCCURRENCE  
CODE  
0 3

REPORT  
TYPE  
L

-

REVISION  
NO.  
0

ACTION  
TAKEN

FUTURE  
ACTION

EFFECT  
ON PLANT

SHUTDOWN  
METHOD

HOURS

ATTACHMENT  
SUBMITTED

NPRD-4  
FORM SUB.

PRIME COMP.  
SUPPLIER

COMPONENT  
MANUFACTURER

Z 18 A 19

Z 20

Z 21

0 0 0 0

Y 23

Y 24

N 25

C 3 1 0 26

CAUSE DESCRIPTION AND CORRECTIVE ACTIONS 27

The probable cause of the excessive leakage is due to seal gasket wear. The seal

gasket will be further inspected and replaced if necessary. A second leak rate test

will be performed prior to unit start up.

FACILITY  
STATUS

% POWER

OTHER STATUS

METHOD OF  
DISCOVERY

DISCOVERY DESCRIPTION

ACTIVITY CONTENT  
RELEASED OF RELEASE

AMOUNT OF ACTIVITY

LOCATION OF RELEASE

PERSONNEL EXPOSURES  
NUMBER

TYPE

DESCRIPTION

PERSONNEL INJURIES  
NUMBER

DESCRIPTION

LOSS OF OR DAMAGE TO FACILITY  
TYPE

DESCRIPTION

PUBLICITY  
ISSUED

DESCRIPTION

7903070373

NRC USE ONLY

NAME OF PREPARER

G. Tietz

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- I. LER NUMBER: LER/RO 79-03/03L-0
- II. LICENSEE NAME: Commonwealth Edison Company  
Quad-Cities Nuclear Power Station
- III. FACILITY NAME: Unit Two
- IV. DOCKET NUMBER: 050-254
- V. EVENT DESCRIPTION:

On January 18, 1979, while performing a local leak rate test on the Drywell Head Flange, it was determined the flange seal gasket was leaking in excess of 30 SCFH. The flange was tested in accordance with procedure QTS 100-2. This leak rate was probably greater than the allowable limit for all double-gasketed seals of 36.72 SCFH, per Technical Specification 4.7.A.2.i.1.

VI. PROBABLE CONSEQUENCES OF THE OCCURRENCE:

The safety implications of this occurrence are minimal due to the fact the amount of leakage measured was small. Also, it is possible that not all the leakage would have escaped past both double knife edge seals. Since drywell pressure is closely monitored, had a gross leak occurred it would have been noticed and a safe and orderly shutdown commenced.

VII. CAUSE:

The probable cause of the excessive leak rate is due to seal gasket wear. Upon inspection of the gasket, numerous perforations and tears were found to exist. Although the gasket was still pliable, repeated placements of the drywell head during past outages caused indentations in the gasket which created leakage paths.

VIII. CORRECTIVE ACTION:

The immediate correction was to write work request number 323-79 to repair or replace the flange seal gasket. After repairs are made, the flange will be local leak rate tested again. A supplement will be submitted which will include the repairs that were made and the results of a follow-up leak rate test, which will be performed prior to unit start-up.