

## LICENSEE EVENT REPORT

EXHIBIT

CONTROL BLOCK: 1 2 3 4 5 6

(PLEASE PRINT OR TYPE ALL REQUIRED INFORMATION)

7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30 31 32 33 34 35 36 37 38 39 40 41 42 43 44 45 46 47 48 49 50

LICENSEE CODE 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30 31 32 33 34 35 36 37 38 39 40 41 42 43 44 45 46 47 48 49 50

LICENSE NUMBER 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30 31 32 33 34 35 36 37 38 39 40 41 42 43 44 45 46 47 48 49 50

REPORT SOURCE 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30 31 32 33 34 35 36 37 38 39 40 41 42 43 44 45 46 47 48 49 50

DOCKET NUMBER 61 62 63 64 65 66 67 68 69 70 71 72 73 74 75 76 77 78 79 80

EVENT DATE 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30 31 32 33 34 35 36 37 38 39 40 41 42 43 44 45 46 47 48 49 50

REPORT DATE 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30 31 32 33 34 35 36 37 38 39 40 41 42 43 44 45 46 47 48 49 50

## EVENT DESCRIPTION AND PROBABLE CONSEQUENCES 10

On 5/9/83, while in Mode 1 at 100% full power, the containment spray pump 2P-35A recirculation isolation valve 2CV-5673-1 was discovered to have no position indication and would not operate from the control room. This was discovered while completing the shift turnover checklist. 2CV-5673-1 is a recirculation isolation valve between 2P-35A and the recirculation header isolation valve 2CV-5628-2. Redundant valve 2CV-5628-2 was operable at the time of the occurrence. This occurrence is reportable per Technical Specification 6.9.1.9.b. Fuse problems were reported in LER's (50-368) 79-080, 80-087, 81-043, 82-002 and 82-045.

SYSTEM CODE 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30 31 32 33 34 35 36 37 38 39 40 41 42 43 44 45 46 47 48 49 50

CAUSE CODE 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30 31 32 33 34 35 36 37 38 39 40 41 42 43 44 45 46 47 48 49 50

CAUSE SUBCODE 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30 31 32 33 34 35 36 37 38 39 40 41 42 43 44 45 46 47 48 49 50

COMPONENT CODE 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30 31 32 33 34 35 36 37 38 39 40 41 42 43 44 45 46 47 48 49 50

COMP SUBCODE 19 20 21 22 23 24 25 26 27 28 29 30 31 32 33 34 35 36 37 38 39 40 41 42 43 44 45 46 47 48 49 50

VALVE SUBCODE 20 21 22 23 24 25 26 27 28 29 30 31 32 33 34 35 36 37 38 39 40 41 42 43 44 45 46 47 48 49 50

LER/RO REPORT NUMBER 17 18 19 20 21 22 23 24 25 26 27 28 29 30 31 32 33 34 35 36 37 38 39 40 41 42 43 44 45 46 47 48 49 50

EVENT YEAR 21 22 23 24 25 26 27 28 29 30 31 32 33 34 35 36 37 38 39 40 41 42 43 44 45 46 47 48 49 50

SEQUENCE REPORT NO. 24 25 26 27 28 29 30 31 32 33 34 35 36 37 38 39 40 41 42 43 44 45 46 47 48 49 50

OCCURRENCE CODE 28 29 30 31 32 33 34 35 36 37 38 39 40 41 42 43 44 45 46 47 48 49 50

REPORT TYPE 30 31 32 33 34 35 36 37 38 39 40 41 42 43 44 45 46 47 48 49 50

REVISION NO 32 33 34 35 36 37 38 39 40 41 42 43 44 45 46 47 48 49 50

ACTION TAKEN 33 34 35 36 37 38 39 40 41 42 43 44 45 46 47 48 49 50

FUTURE ACTION 34 35 36 37 38 39 40 41 42 43 44 45 46 47 48 49 50

EFFECT ON PLANT 35 36 37 38 39 40 41 42 43 44 45 46 47 48 49 50

SHUTDOWN METHOD 36 37 38 39 40 41 42 43 44 45 46 47 48 49 50

HOURS 37 38 39 40 41 42 43 44 45 46 47 48 49 50

ATTACHMENT SUBMITTED 41 42 43 44 45 46 47 48 49 50

NPRD-4 FORM SUB 42 43 44 45 46 47 48 49 50

PRIME COMP. SUPPLIER 43 44 45 46 47 48 49 50

COMPONENT MANUFACTURER 44 45 46 47 48 49 50

## CAUSE DESCRIPTION AND CORRECTIVE ACTIONS 27

The control power fuse for 2CV-5673-1 was found to be open. No root cause of the fuse opening could be determined. The control circuit was checked for grounds, shorts, or loose connections; none were found. Current and voltage readings were taken and determined to be satisfactory. The valve was tested and found to operate satisfactorily after replacement of the fuse. The valve was returned to service. An engineering evaluation of the adequacy of the fuse and control transformer has been initiated. 2CV-5673-1 is a model SMB-000

FACILITY STATUS 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30 31 32 33 34 35 36 37 38 39 40 41 42 43 44 45 46 47 48 49 50

% POWER 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30 31 32 33 34 35 36 37 38 39 40 41 42 43 44 45 46 47 48 49 50

OTHER STATUS 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30 31 32 33 34 35 36 37 38 39 40 41 42 43 44 45 46 47 48 49 50

METHOD OF DISCOVERY 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30 31 32 33 34 35 36 37 38 39 40 41 42 43 44 45 46 47 48 49 50

DISCOVERY DESCRIPTION 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30 31 32 33 34 35 36 37 38 39 40 41 42 43 44 45 46 47 48 49 50

ACTIVITY RELEASED 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30 31 32 33 34 35 36 37 38 39 40 41 42 43 44 45 46 47 48 49 50

CONTENT OF RELEASE 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30 31 32 33 34 35 36 37 38 39 40 41 42 43 44 45 46 47 48 49 50

AMOUNT OF ACTIVITY 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30 31 32 33 34 35 36 37 38 39 40 41 42 43 44 45 46 47 48 49 50

LOCATION OF RELEASE 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30 31 32 33 34 35 36 37 38 39 40 41 42 43 44 45 46 47 48 49 50

PERSONNEL EXPOSURES NUMBER 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30 31 32 33 34 35 36 37 38 39 40 41 42 43 44 45 46 47 48 49 50

TYPE 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30 31 32 33 34 35 36 37 38 39 40 41 42 43 44 45 46 47 48 49 50

DESCRIPTION 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30 31 32 33 34 35 36 37 38 39 40 41 42 43 44 45 46 47 48 49 50

PERSONNEL INJURIES NUMBER 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30 31 32 33 34 35 36 37 38 39 40 41 42 43 44 45 46 47 48 49 50

DESCRIPTION 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30 31 32 33 34 35 36 37 38 39 40 41 42 43 44 45 46 47 48 49 50

LOSS OF OR DAMAGE TO FACILITY TYPE 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30 31 32 33 34 35 36 37 38 39 40 41 42 43 44 45 46 47 48 49 50

DESCRIPTION 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30 31 32 33 34 35 36 37 38 39 40 41 42 43 44 45 46 47 48 49 50

PUBLICITY ISSUED DESCRIPTION 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30 31 32 33 34 35 36 37 38 39 40 41 42 43 44 45 46 47 48 49 50

NAME OF PREPARER Patrick Rogers

NRC USE ONLY  
68 69 70 71 72 73 74 75 76 77 78 79 80  
PHONE: (501) 964-31008306130421 830531  
PDR ADDCK 05000368  
S PDR

LER No. 50-368/83-018/83L-0

Cause Description and Corrective Actions (Continued):

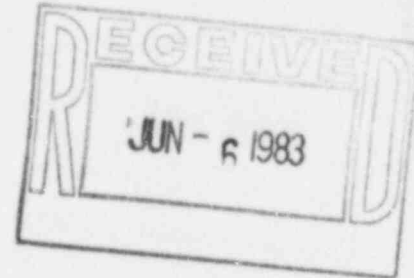
manufactured by Limitorque. The fuse is a type KTK2 manufactured by Bussmann Manufacturing Company.



ARKANSAS POWER & LIGHT COMPANY  
POST OFFICE BOX 551 LITTLE ROCK, ARKANSAS 72203 (501) 371-4000  
May 31, 1983

2CAN058309

Mr. W. C. Seidle, Chief  
Reactor Project Branch #2  
U. S. Nuclear Regulatory Commission  
Region IV  
611 Ryan Plaza Drive, Suite 1000  
Arlington, Texas 76011

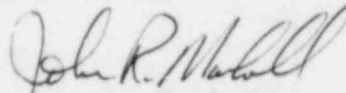


Subject: Arkansas Nuclear One - Unit 2  
Docket No. 50-368  
License No. NPF-6  
Licensee Event Report  
No. 83-018/03L-0

Gentlemen:

In accordance with Arkansas Nuclear One - Unit 2 Technical Specification 6.9.1.9.b, attached is the subject report concerning failure of containment spray pump 2P-35A recirculation isolation valve 2CV-5673-1.

Very truly yours,

  
John R. Marshall  
Manager, Licensing

JRM:RJS:rd

Attachment

cc: Mr. Richard C. DeYoung  
Office of Inspection and Enforcement  
U. S. Nuclear Regulatory Commission  
Washington, D. C. 20555

Mr. Norman M. Haller, Director  
Office of Management & Program Analysis  
U. S. Nuclear Regulatory Commission  
Washington, D. C. 20555