



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

November 21, 1980

2-110-29

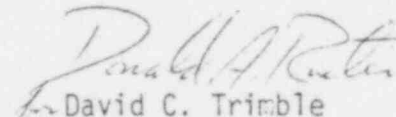
Mr. K. V. Seyfrit, Director
Office of Inspection & Enforcement
U. S. Nuclear Regulatory Comm.
Region IV
611 Ryan Plaza Drive, Suite 1000
Arlington, Texas 76011

SUBJECT: Arkapsas Nuclear One - Unit 2
Docket No. 50-368
License No. NPF-6
Licensee Event Report No. 80-019/03X-1
(File: 2-0520)


Gentlemen:

In accordance with Arkansas Nuclear One - Unit 2 Technical Specification 6.9.1.9.d, attached is the subject report concerning a leak which developed on the Reactor Makeup Water Tank (RMWT) Supply to the charging pump suction during Mode 5 operation. This is a revision to a previous report submitted May 8, 1980.

Very truly yours,


David C. Trimble
Manager, Licensing

DCT:GAC:lp


Attachment

cc: Mr. Victor Stello, Jr., Director
Office of Inspection & Enforcement
U. S. Nuclear Regulatory Comm.
Washington, D.C. 20555

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

8012010

402

MEMBER MIDDLE SOUTH UTILITIES SYSTEM

5

REVISED REPORT - PREVIOUS REPORT DATE 5/8/80

NRC FORM 366
(7-77)

U. S. NUCLEAR REGULATORY COMMISSION

LICENSEE EVENT REPORT

EXHIBIT A

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

01 AR 02 AN 03 00 04 -0 05 00 06 00 07 00 08 -0 09 00 10 00 11 00 12 00 13 00 14 00 15 00 16 00 17 00 18 00 19 00 20 00 21 00 22 00 23 00 24 00 25 00 26 00 27 00 28 00 29 00 30 00 31 00 32 00 33 00 34 00 35 00 36 00 37 00 38 00 39 00 40 00 41 00 42 00 43 00 44 00 45 00 46 00 47 00 48 00 49 00 50 00 51 00 52 00 53 00 54 00 55 00 56 00 57 00 58 00 59 00 60 00 61 00 62 00 63 00 64 00 65 00 66 00 67 00 68 00 69 00 70 00 71 00 72 00 73 00 74 00 75 00 76 00 77 00 78 00 79 00 80 00

CON'T

01 00 02 00 03 00 04 00 05 00 06 00 07 00 08 00 09 00 10 00 11 00 12 00 13 00 14 00 15 00 16 00 17 00 18 00 19 00 20 00 21 00 22 00 23 00 24 00 25 00 26 00 27 00 28 00 29 00 30 00 31 00 32 00 33 00 34 00 35 00 36 00 37 00 38 00 39 00 40 00 41 00 42 00 43 00 44 00 45 00 46 00 47 00 48 00 49 00 50 00 51 00 52 00 53 00 54 00 55 00 56 00 57 00 58 00 59 00 60 00 61 00 62 00 63 00 64 00 65 00 66 00 67 00 68 00 69 00 70 00 71 00 72 00 73 00 74 00 75 00 76 00 77 00 78 00 79 00 80 00

REPORT SOURCE: L 02 00 03 00 04 00 05 00 06 00 07 00 08 00 09 00 10 00 11 00 12 00 13 00 14 00 15 00 16 00 17 00 18 00 19 00 20 00 21 00 22 00 23 00 24 00 25 00 26 00 27 00 28 00 29 00 30 00 31 00 32 00 33 00 34 00 35 00 36 00 37 00 38 00 39 00 40 00 41 00 42 00 43 00 44 00 45 00 46 00 47 00 48 00 49 00 50 00 51 00 52 00 53 00 54 00 55 00 56 00 57 00 58 00 59 00 60 00 61 00 62 00 63 00 64 00 65 00 66 00 67 00 68 00 69 00 70 00 71 00 72 00 73 00 74 00 75 00 76 00 77 00 78 00 79 00 80 00

EVENT DESCRIPTION AND PROBABLE CONSEQUENCES (10)

02 During Mode 5 operation, a leak developed on the Reactor Makeup Water

03 Tank (RMWT) supply to the charging pump suction. The leak occurred on

04 the pipe side of the socket weld of line 2HBD-18-1½". The leakage was

05 isolated. The three High Pressure Safety Injection Pumps were available

06 for boration paths. This occurrence is similar to LER 50-368/79-001.

07 Reportable per T.S. 6.9.1.9.d.

08

09

17 00 18 00 19 00 20 00 21 00 22 00 23 00 24 00 25 00 26 00 27 00 28 00 29 00 30 00 31 00 32 00 33 00 34 00 35 00 36 00 37 00 38 00 39 00 40 00 41 00 42 00 43 00 44 00 45 00 46 00 47 00 48 00 49 00 50 00 51 00 52 00 53 00 54 00 55 00 56 00 57 00 58 00 59 00 60 00 61 00 62 00 63 00 64 00 65 00 66 00 67 00 68 00 69 00 70 00 71 00 72 00 73 00 74 00 75 00 76 00 77 00 78 00 79 00 80 00

CAUSE DESCRIPTION AND CORRECTIVE ACTIONS (27)

10 The cause of the failure is vibration induced cracking. Inspection re-

11 vealed the leak to be in the heat affected zone of the pipe. The pipe

12 spool piece with the defect was replaced. Additional supports from the

13 branch piping to the main process piping were installed to reduce the

14 probability of recurrence.

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

51

52

53

54

55

56

57

58

59

60

61

62

63

64

65

66

67

68

69

70

71

72

73

74

75

76

77

78

79

80

NAME OF PREPARER: Chris N. Shively PHONE: 501/968-2519

8012010 406