

LICENSEE EVENT REPORT

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

01 M I B R P 1 1 2 0 0 - 0 0 0 0 0 0 - 0 0 3 4 1 1 1 1 4 _____ 5

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 51 52 53 54 55 56 57 58 59 60

L I 6 0 5 0 1 - 0 1 5 5 7 1 0 1 4 7 8 8 1 1 1 0 7 8 9

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 51 52 53 54 55 56 57 58 59 60

02 During routine control rod drive scram timing tests, Drive C-4 scrambled in

03 4.4 seconds thus exceeding the limit of 2.5 seconds for 90% insertion in

04 T/S 5.2.2(a)ii. Scram times on all other drives were found to be satisfac-

05 tory; thus no undue hazard existed. Failure due to the specific cause out-

06 lined below is not repetitive, and a preventive maintenance program on the

07 solenoid valves will be established.

08 _____

09 I A 11 E 12 B 13 V A L I V E X 14 D 15 L 16

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 51 52 53 54 55 56 57 58 59 60

17 7 8

21 22 23 24 25 26 27 28 29 30 31 32

A 18 X 10 Z 20 Z 21 0 0 0 0 22 N 23 N 24 N 25 A 6 1 1 0 26

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 51 52 53 54 55 56 57 58 59 60

10 Investigation revealed that the Buna-N disc on the moving core of one of two

11 scram pilot solenoids had broken, presumably due to temperature embrittle-

12 ment, and the supply air port apparently leaked through, resulting in slow

13 venting action. The defective part was replaced on 10/15/78 and 14 other

14 valves were inspected & found satisfactory. ASCo valve 831622-HVA-90-441-1A.

15 G 28 0 0 0 0 29 N/A 30 B 31 Routine Test Following Maintenance

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 51 52 53 54 55 56 57 58 59 60

16 Z 33 Z 34 NA 35 NA 36

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 51 52 53 54 55 56 57 58 59 60

17 0 0 0 37 Z 38 NA 39

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 51 52 53 54 55 56 57 58 59 60

18 0 0 0 40 NA 41

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 51 52 53 54 55 56 57 58 59 60

19 Z 42 NA 43

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 51 52 53 54 55 56 57 58 59 60

20 N 44 NA 45

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 51 52 53 54 55 56 57 58 59 60

NRC USE ONLY

781114 & 151
50-155-5