

LICENSEE EVENT REPORT

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

01 F L T P S I 4 2 0 0 - 0 0 0 0 0 - 0 0 3 4 1 1 1 1 4 5

LICENSEE CODE 14 15 LICENSE NUMBER 23 25 LICENSE TYPE 30 37 CAT 38

CON'T 01 REPORT SOURCE L 6 0 5 0 0 0 2 5 1 7 0 1 2 5 7 1 9 3 0 2 2 3 7 9 9

7 3 9 50 61 68 69 74 75 80

EVENT DESCRIPTION AND PROBABLE CONSEQUENCES 10

02 During steady-state operation, the 4A Boric Acid Transfer (BAT) pump

03 tripped on thermal overload and was declared inoperable TS 3.6.h.2

04 could not be met; operation continued pursuant to TS 3.6.d.2. Action

05 was taken to correct the problem, and the pump was declared operable

06 within 18 hrs. Public health and safety was not affected. An alternate

07 boration path was available via the 4B BAT pump which was operable.

08 Reference similar occurrence: LER 251-77-2

7 3 9 30

09 SYSTEM CODE P C 11 CAUSE CODE A 12 CAUSE SUBCODE C 13 COMPONENT CODE P U M P X X 14 COMP. SUBCODE B 15 VALVE SUBCODE Z 16

7 3 9 11 12 13 14 15 16 17 18 19 20

17 LER/RO REPORT NUMBER 7 9 EVENT YEAR 7 9 SEQUENTIAL REPORT NO. 0 0 1 OCCURRENCE CODE 0 3 REPORT TYPE 1 REVISION NO. 0

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

ACTION TAKEN A 13 FUTURE ACTION F 19 EFFECT ON PLANT Z 20 SHUTDOWN METHOD Z 21 HOURS 0 0 0 0 0 0 ATTACHMENT SUBMITTED Y 23 NRC-4 FORM SUB. N 24 PRIME COMP. SUPPLIER N 25 COMPONENT MANUFACTURER C 3 0 0 0 26

33 34 35 36 37 38 39 40 41 42 43 44 45 46 47

CAUSE DESCRIPTION AND CORRECTIVE ACTIONS 27

10 The root cause of the failure was incomplete reinstallation of recircu-

11 lation line insulation following maintenance. This resulted in

12 boric acid solidification in the recirculation line which led to over-

13 loading of the pump motor. Corrective action has been initiated.

14

7 3 9 30

15 FACILITY STATUS E 28 % POWER 0 8 9 29 OTHER STATUS NA 30 METHOD OF DISCOVERY A 31 DISCOVERY DESCRIPTION Operator Observation 32

7 3 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30

16 ACTIVITY CONTENT RELEASED OF RELEASE Z 33 AMOUNT OF ACTIVITY NA 35 LOCATION OF RELEASE NA 36

7 3 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30

17 PERSONNEL EXPOSURES NUMBER 0 0 0 37 TYPE Z 38 DESCRIPTION NA 39

7 3 9 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30

18 PERSONNEL INJURIES NUMBER 0 0 0 40 DESCRIPTION NA 41

7 3 9 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30

19 LOSS OF OR DAMAGE TO FACILITY TYPE Z 42 DESCRIPTION NA 43

7 3 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30

20 PUBLICITY ISSUED N 44 DESCRIPTION NA 45

7 3 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30

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7 3 9 58 59 60



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Additional Cause Description and Corrective Action

The corrective action was to install a new recirculation line (which was then insulated) in place of the old uninsulated recirculation line. The possible use of heat tracing on this line is being evaluated.

Pump

Crane GE-20K Chempump

