

## LICENSEE EVENT REPORT

EXHIBIT A

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

01 N C M G S 1 2 0 0 0 0 0 0 0 0 0 0 3 4 1 1 1 1 4 5

LICENSEE CODE 14 15 LICENSE NUMBER 25 26 LICENSE TYPE 30 31 CAT 56

CON'T

01 1 0 5 0 0 0 3 6 9 7 0 1 1 1 8 2 8 0 2 1 6 8 2 9

REPORT SOURCE 50 51 DOCKET NUMBER 58 59 EVENT DATE 74 75 REPORT DATE 80

EVENT DESCRIPTION AND PROBABLE CONSEQUENCES 10

02 While in mode 1, due to extreme cold weather many instrument lines froze with

03 instruments being declared inoperable, eventually leading to inadvertent actua-

04 tion of Engineered Safety Features (ESF) causing safety injection, steamline

05 isolation, and reactor and turbine trips. This violates T.S.3.3.2 which is re-

06 portable per T.S.6.9.1.13(d). The pressure instrumentation involved initiates

07 ESF actuation and reactor trip. Had a steam line break occurred while the in-

08 strumentation was disabled, a slightly delayed trip would have occurred. Health

and safety of the public were unaffected.

09 I B 11 B 12 A 13 Z Z Z Z Z Z 14 Z 15 Z 16

SYSTEM CODE 9 10 CAUSE CODE 11 12 CAUSE SUBCODE 12 13 COMPONENT CODE 18 19 COMP. SUBCODE 19 20 VALVE SUBCODE 20 21

17 8 2 0 0 7 0 3 L 0

LER/RO REPORT NUMBER 21 22 EVENT YEAR 23 24 SEQUENTIAL REPORT NO. 27 28 OCCURRENCE CODE 29 30 REPORT TYPE 31 32 REVISION NO. 32 33

ACTION TAKEN X 18 X 19 A 20 C 21 0 0 1 2 Y 23 N 24 Z 25 Z 9 9 9 26

FUTURE ACTION 33 34 EFFECT ON PLANT 35 SHUTDOWN METHOD 36 HOURS 37 38 ATTACHMENT SUBMITTED 40 41 NPRO-4 FORM SUB. 42 PRIME COMP. SUPPLIER 43 COMPONENT MANUFACTURER 44 45

CAUSE DESCRIPTION AND CORRECTIVE ACTIONS 27

10 Two SSG "A" pressure instrumentation channels tripped when pressure was released

11 from their impulse lines through manually cracked open test connections in an

12 effort to prevent freezing by drawing warm steam line condensate through the

13 lines. Heat tracing has been applied to instrument lines, and equipment covered

14 to prevent loss of heat. Duke is currently analyzing several potential permanent

solutions.

15 B 28 0 7 5 29 N/A 30 A 31 Personnel observation 32

FACILITY STATUS 9 10 % POWER 11 12 OTHER STATUS 30 31 METHOD OF DISCOVERY 48 49 DISCOVERY DESCRIPTION 32 33

16 Z 33 Z 34 N/A 35 N/A 36

ACTIVITY CONTENT 33 34 AMOUNT OF ACTIVITY 35 36 LOCATION OF RELEASE 36 37

17 0 0 0 37 Z 38 N/A 39

PERSONNEL EXPOSURES NUMBER 11 12 TYPE 13 14 DESCRIPTION 39 40

18 0 0 0 40 N/A 41

PERSONNEL INJURIES NUMBER 11 12 DESCRIPTION 41 42

19 Z 42 N/A 43

LOSS OF OR DAMAGE TO FACILITY TYPE 10 11 DESCRIPTION 43 44

20 N 44 N/A 45

PUBLICITY ISSUED DESCRIPTION 45 46

20 N 44 N/A 45

NRC USE ONLY

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