

LICENSEE EVENT REPORT

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

0 1 F L T P S 3 2 0 0 - 0 0 0 0 0 0 - 0 0 3 4 1 1 1 1 4 5
LICENSEE CODE LICENSE NUMBER LICENSE TYPE CATCON'T
0 1 REPORT SOURCE L 5 0 5 0 0 0 2 5 0 7 0 2 2 7 8 3 3 0 3 2 9 8 3 9
DOCKET NUMBER EVENT DATE REPORT DATE

EVENT DESCRIPTION AND PROBABLE CONSEQUENCES (10)

0 2 During normal operation, the contents of waste gas decay tank #2 were inadvert-

0 3 ently released to the auxiliary building exhaust fan and then to the atmosphere

0 4 via the plant vent. This is reportable in accordance with T.S.6.9.2.b.4. Plant

0 5 radiation monitoring equipment printouts and lab analyses of samples taken

0 6 from the tank after the event show that the activity levels specified in

0 7 T.S.3.9.2 were not exceeded. The health and safety of the public were not

0 8 affected.

0 9 SYSTEM CODE CAUSE CODE CAUSE SUBCODE COMPONENT CODE COMP TUBCODE VALVE SUBCODE
M B 11 X 12 Z 13 Z Z Z Z Z Z 14 Z 15 Z 16

17 LER/RO REPORT NUMBER EVENT YEAR SEQUENTIAL REPORT NO. OCCURRENCE CODE REPORT TYPE REVISION NO.
8 3 0 0 4 0 3 L 0

ACTION TAKEN FUTURE ACTION EFFECT ON PLANT SHUTDOWN METHOD HOURS ATTACHMENT SUBMITTED APPROX FORM SUB PRIME COMP SUPPLIER COMPONENT MANUFACTURER
X 18 X 19 Z 20 Z 21 0 0 0 0 Y 23 N 24 Z 25 Z 9 9 9 25

CAUSE DESCRIPTION AND CORRECTIVE ACTIONS (27)

1 0 The two normally closed valves (4638B and RCV-014) on the line from the #2 waste

1 1 gas decay tank to the waste gas release header were inspected. Apparently,

1 2 4638B had not seated properly the last time it was closed. Also, RCV-014 was

1 3 found slightly open. In the future, RCV-014 will be failed closed after each

1 4 controlled release to prevent accidental opening.

1 5 FACILITY STATUS % POWER OTHER STATUS METHOD OF DISCOVERY DISCOVERY DESCRIPTION
E 3 1 0 0 29 NA A 31 Operator observation

1 6 ACTIVITY CONTENT RELEASED OR RELEASE AMOUNT OF ACTIVITY LOCATION OF RELEASE
G 33 M 34 17.9 curies total Auxiliary building exhaust to atmosphere

1 7 PERSONNEL EXPOSURES NUMBER TYPE DESCRIPTION
0 0 0 17 Z 38 NA

1 8 PERSONNEL INJURIES NUMBER DESCRIPTION
0 0 0 40 NA

1 9 LOSS OF OR DAMAGE TO FACILITY TYPE DESCRIPTION
Z 42 NA

2 0 PUBLICITY ISSUED DESCRIPTION
N 44 NA

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Additional Event Description and Probable Consequences

During normal operation, the contents of waste gas decay tank #2 were inadvertently released to the auxiliary building exhaust fan and then to the atmosphere via the plant vent. This is reportable in accordance with T.S.6.9.2.b.4. The release took place over approximately a seven hour period.

When the 5:00 p.m. readings were taken on the waste gas decay tank pressures, tank #2 was reading only 10 psig instead of the previously logged 98 psig. The SPING-4 gas monitor and R-14 printouts confirmed that a radioactive gas release had taken place.

Lab analyses of samples of gas remaining in the tank and also the R-14 and SPING-4 printouts were used to determine that the activity levels specified in T.S.3.9.2 were not exceeded. The accuracy of R-14 was verified by the Instrumentation and Control Department. The total amount of activity released was calculated to be 17.9 Ci, which is 0.019% of the allowed quarterly limit for total gaseous releases and is therefore considered insignificant with respect to the health and safety of the public.

Additional Cause Description and Corrective Actions

The two normally closed valves (4638B and RCV-014) in the line from the #2 waste gas decay tank to the waste gas release header and the associated safety valve 4640B were inspected. A special test performed on the safety valve verified that the valve was operating properly. It was determined that some leakage was occurring through valve 4638B. The diaphragm was changed and proper operation of the valve was verified. The old diaphragm did not appear damaged. Apparently, valve 4638B had not seated properly the last time it was closed. In addition the hand loader controller for RCV-014 was also found to be slightly off zero resulting in this valve being slightly open. In the future, valve RCV-014 will be failed closed after each controlled release to prevent accidental opening. Plant operating procedure OP 5523.1, Waste Disposal System - Gas Decay Tank, Controlled Release to Atmosphere, has been changed to ensure that this action is taken.