NRC FORM 366 U. S. NUCLEAR REGULATORY COMMISSION (7.77) LICENSEE EVENT REPORT (PLEASE PRINT OR TYPE ALL REQUIRED INFORMATION) 10 CONTROL BLOCK: T M N S 2 2 0 0 - 0 0 0 0 0 - 0 LICENCE NUMBER LICENSE LICENSEE CODE CON'T 7 9 (8) 1 1 2 9 7 9 9 L 6 0 5 0 0 0 3 3 6 0 0 5 2 5 REPORT 0 1 SOURCE 68 EVENT DATE DOCKET NUMBER EVENT DESCRIPTION AND PROBABLE CONSEQUENCES (10) | Following a periodic check of the control room chlorine detection system, both 0 2 detectors were declared inoperable due to having low drip rates in the sensor 03 assembly. The control room emergency ventilation system was immediately placed 04 in the recirculation mode in accordance with technical specification Section 3.3.3.6 0 5 Action Statement b. Following sensor cleaning, the detectors were returned to service 0 6 and the ventilation system was restored to normal. 0 7 8 0 9 CO' P. VALVE SYSTEM CODE CAUSE CAUSE COMPONENT CODE SUBCODE CODE 2 (16) (12 STRU (14 F (15 7 (13) I F (11 0 9 REVISION OCCURRENCE REPORT SEQUENTIAL NO. LER/RO EVENT YEAR CODE REPORT NO. TYPE 01 1 0 1 3 3 REPORT 9 NUMBER 32 COMPONENT NPRD-4 PRIME COMP. SHUTDOWN NT ACTION FUTURE TAKEN ACTION EFFECT ON PLANT SUPPLIER HOURS (22) FORM SU 3 W 0 2 0 0 0 0 A (25 Z (21) N (24) Y (23) B (18) Z (19 Z (20) CAUSE DESCRIPTION AND CORRECTIVE ACTIONS (27) 10 The chlorine detectors were declared inoperable due to low drip rates of detector [1] [solution onto the sensor assembly. Clogged dispensers were cleaned restoring [12] [proper drip rate. Following a second occurrence on 11/1/79, clogged dispensers 1 3 [were cleaned and adjusted. The frequency of drip rate checks has been increased if from daily to once per shift with specified criteria for correction. 80 FACILITY METHOD OF DISCOVERY OTHER STATUS (30) DISCOVERY DESCRIPTION (32) % POWER Operator Observation B (31) 0 5 0 29 NA E (28) 5 80 44 10 12 13 CONTENT ACTIVITY AMOUNT OF ACTIVITY 35 LOCATION OF RELEASE (36) OF HELEASE NA NA Z (33) Z (34) 6 80 10 11 PERSONNEL EXPOSURES DESCRIPTION (39) 0 0 0 (31) 2 80 PERSONNEL INJURIES DESCRIPTION (41) NUMBER NA 1 8 0 0 0 (40 8:0 11 LOSS OF OR DAMAGE TO FACILITY (43) DESCRIPTION TYPE NA 9 Z (42) 7912040413 80 10 NRC USE ONLY PUBLICITY DESCRIPTION (45) 2 0 N (44) NA 80. 10

## Attachment

Millstone Unit 2 LER 79-13/3X-1 Docket No. 50-336

## Event Description

On 5/25/79, following a periodic check of the control room chlorine detection system, both detectors were declared inoperable due to having low drip rates in the sensor assembly. The control room emergency ventilation system was immediately placed in the recirculation mode in accordance with Technical Specifications Section 3.3.3.6, Action Statement b. Following sensor cleaning, the detectors were returned tc service with daily drip rate checks made.

On 11/1/79, the control room chlorine detectors experienced a similar decrease in sensor drip rate. The detectors were declared inoperable and the sensors were cleaned and adjusted to prevent further clogging. The detectors were then returned to service and the control room ventilation restored to normal.

## Cause Description

The initial cause of the low drip rate was a clogged dispenser in the sensor assembly which was cleaned restoring proper drip rate. Following the second occurrence on 11/1/79, the dispenser was cleaned and adjusted to prevent further clogging. In addition, the frequency of sensor drip rate checks has been increased to once per shift, and specified limits added for investigation and corrective action.

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