

CONTROL BLOCK:

8	9		M	D	C	C	N	1	(2)	0	0	-	0	0	0	0	0	-	0	0	(3)	4	1	1	1	1	(4)			(5)		
		LICENSEE CODE							LICENSE NUMBER														LICENSE TYPE						JD		57 CAT 58	

DON'T

0 1 8
REPORT SOURCE L 6 0 5 0 0 0 3 1 7 7 0 5 0 6 8 1 8 0 5 2 0 8 1 9
60 61 DOCKET NUMBER 68 69 EVENT DATE 74 75 REPORT DATE 80

EVENT DESCRIPTION AND PROBABLE CONSEQUENCES (10)

012 At 1700 during normal operation, the outside Operator discovered 12 Waste
013 Neutralizing Tank drain valve (DW-367) was leaking through at approx-
014 imately 1 gpm (Environmental TS 2.2.1). Attempts to tighten the valve
015 were not effective. The valve was cracked open to flush approximately
016 20 gals. of water across the valve seat. The valve was then success-
017 fully shut stopping the leak. Similar event 79-24.

08 | _____

SYSTEM CODE X X (11)		CAUSE CODE E (12)		CAUSE SUBCODE X (13)		COMPONENT CODE V A L V E X (14)				COMP. SUBCODE E (15)		VALVE SUBCODE P (16)					
EVENT YEAR 8 1 (22)		SEQUENTIAL REPORT NO. 0 3 3 (26)		OCCURRENCE CODE 0 4 (29)		REPORT TYPE T (30)		REVISION NO. 0 (32)									
ACTION TAKEN 18 (33)		FUTURE ACTION 19 (34)		EFFECT ON PLANT Z (20) (35)		SHUTDOWN METHOD Z (21) (36)		HOURS 0 0 0 (22) (37)		ATTACHMENT SUBMITTED Y (23) (41)		NPRD-4 FORM SUB. H (24) (42)		PRIME COMP. SUPPLIER A (25) (43)		COMPONENT MANUFACTURER (26) (44)	

CAUSE DESCRIPTION AND CORRECTIVE ACTIONS (27)

10 The Waste Neutralizing Tank will always contain small amounts of
11 particulate matter. The discharge valve, therefore, is always subject
12 to lodged material between the seat and the wedge which may interfere
13 with proper isolation. Considering the frequency of occurrence and the
14 small environmental impact, no corrective action was deemed necessary.

FACILITY STATUS			% POWER			OTHER STATUS			METHOD OF DISCOVERY			DISCOVERY DESCRIPTION		
5	E	28	1	0	0	29	N/A		A	31	Operator observation			

8	9	10	12	13	44	45	46	80
ACTIVITY		CONTENT						
RELEASED		OF RELEASE		AMOUNT OF ACTIVITY		LOCATION OF RELEASE		
6	Z	33	Z	N/A	35	N/A	36	

PERSONNEL EXPOSURES				
NUMBER	TYPE	DESCRIPTION		
7	000	37 Z 38 N/A	39	

6	9	11	12	13
PERSONNEL INJURIES				
NUMBER		DESCRIPTION (41)		
1	1	1	1	1
				N/A

[illegible]

9 Z 42 N/A
10
PUBLICITY 45
NRC USE ONLY

DESCRIPTION		QTY		UNIT		PRICE		AMOUNT	
1	10	1	10	1	10	1	10	1	10
2	10	1	10	1	10	1	10	1	10
3	10	1	10	1	10	1	10	1	10
4	10	1	10	1	10	1	10	1	10
5	10	1	10	1	10	1	10	1	10
6	10	1	10	1	10	1	10	1	10
7	10	1	10	1	10	1	10	1	10
8	10	1	10	1	10	1	10	1	10
9	10	1	10	1	10	1	10	1	10
10	10	1	10	1	10	1	10	1	10
11	10	1	10	1	10	1	10	1	10
12	10	1	10	1	10	1	10	1	10
13	10	1	10	1	10	1	10	1	10
14	10	1	10	1	10	1	10	1	10
15	10	1	10	1	10	1	10	1	10
16	10	1	10	1	10	1	10	1	10
17	10	1	10	1	10	1	10	1	10
18	10	1	10	1	10	1	10	1	10
19	10	1	10	1	10	1	10	1	10
20	10	1	10	1	10	1	10	1	10
21	10	1	10	1	10	1	10	1	10
22	10	1	10	1	10	1	10	1	10
23	10	1	10	1	10	1	10	1	10
24	10	1	10	1	10	1	10	1	10
25	10	1	10	1	10	1	10	1	10
26	10	1	10	1	10	1	10	1	10
27	10	1	10	1	10	1	10	1	10
28	10	1	10	1	10	1	10	1	10
29	10	1	10	1	10	1	10	1	10
30	10	1	10	1	10	1	10	1	10
31	10	1	10	1	10	1	10	1	10
32	10	1	10	1	10	1	10	1	10
33	10	1	10	1	10	1	10	1	10
34	10	1	10	1	10	1	10	1	10
35	10	1	10	1	10	1	10	1	10
36	10	1	10	1	10	1	10	1	10
37	10	1	10	1	10	1	10	1	10
38	10	1	10	1	10	1	10	1	10
39	10	1	10	1	10	1	10	1	10
40	10	1	10	1	10	1	10	1	10
41	10	1	10	1	10	1	10	1	10
42	10	1	10	1	10	1	10	1	10
43	10	1	10	1	10	1	10	1	10
44	10	1	10	1	10	1	10	1	10
45	10	1	10	1	10	1	10	1	10
46	10	1	10	1	10	1	10	1	10
47	10	1	10	1	10	1	10	1	10
48	10	1	10	1	10	1	10	1	10
49	10	1	10	1	10</				

NRC USE ONLY

8210270275 820520
PDR ADOCK 05000317
S PDR

LER NO. 81-33/4T
DOCKET NO. 50-317
LICENSE NO. DPR-
EVENT DATE 05-06-81
REPORT DATE 05-20-81
ATTACHMENT

EVENT DESCRIPTION AND PROBABLE CONSEQUENCES

At 1700 during normal operation, the outside operator discovered that #12 Waste Neutralizing Tank (WNT) drain valve (DW-367) was leaking through at approximately 1 gpm (Environmental T.S. 2.2.1). The tank had been in service to receive regeneration waste since 1400 on 5-5-81 and the water level was 13.5'. A sample of the waste water revealed a pH of 10.6 and T.D.S. of 4600 ppm. Attempts to tighten the valve were not effective. At 1721 the operator cracked open the valve and flushed approximately 20 gallons of waste water across the valve seat. The valve was then successfully shut tight stopping the leak. It is conservatively estimated that 1320 gallons of regeneration waste water leaked to the Chesapeake Bay after being diluted with 1.2 million gpm circulating water flow. LER 79-24 describes a similar event.

CAUSE DESCRIPTION AND CORRECTIVE ACTIONS (CONT'D)

The Waste Neutralizing tank receives the backwash and spent regenerants from the Condensate Demineralizing System. A main purpose of the backwash cycle of the demineralizer regeneration is to remove unwanted resin particles and metal oxides from the chemically exhausted bed. Therefore, the waste neutralizing tank is expected to contain small amounts of particulate matter which may occasionally lodge on the valve seat and interfere with proper isolation. Considering the frequency of occurrence and the insignificance of the environmental impact, the occurrence described in LER 79-24 and this one represents satisfactory performance and no corrective action is deemed necessary.

ENVIRONMENTAL IMPACT

The impact of release into Chesapeake Bay water of alkaline solution (pH 10.6) would be measured by the magnitude of the pH change in the receiving waters. The change has been calculated to be no greater than 0.01 pH units. Such a small change could not be perceived by organisms at the pH range of Bay water of 7.5-8.5 pH units. Consequently, the impact on the receiving water would be very small if at all.