

Palisades

CONTROL BLOCK: _____
 1 6

EVENT DESCRIPTION

SYSTEM CODE		CAUSE CODE	COMPONENT CODE						COMPONENT SUPPLIER	COMPONENT MANUFACTURER				VIOLATION
M	B	A	Z	Z	Z	Z	Z	Z	A	Z	9	9	9	Y
10	11	12						17	43	44			47	48

08	Waste gas decay tank (WGDT) T-101A was put into service with the pressure sigma re-	
7		80
09	moved. The high-pressure alarm is part of the sigma. There is also a pressure re-	
7		80
7	corder which is independent of the sigma. On April 6, 1977 the volume control tank	
8		80
		(Contd on Attached Sheet)

FACILITY STATUS		% POWER			OTHER STATUS		METHOD OF DISCOVERY		(Contd on Attached Sheet)	
									DISCOVERY DESCRIPTION	
11	D	0	0	0	Shut down to Hot Standby		a		NA	
7	8	9	10	12	13	44	45	46	80	
FORM OF ACTIVITY RELEASED		CONTENT OF RELEASE		AMOUNT OF ACTIVITY				LOCATION OF RELEASE		
12	G	N	3.206 Curies Total				Exhaust Stack		80	
7	8	9	10	11	44	45			80	

NUMBER			TYPE	DESCRIPTION
13	0	0	0	None

NUMBER				DESCRIPTION
1	4	0	0	None

15 None ORIGINAL 7 8 9 80

TYPE			DESCRIPTION	990059
16	Z		NA	

17	NA
----	----

3	Cause Description continued on attached sheet.
---	--

19

LICENSEE EVENT REPORT

Palisades

Cause Description (Contd)

was vented to the T-101A WGDT leaving the tank at 91 psig. The oncoming shift assistant operator (AO) asked the shift supervisor if he should isolate the tank. The shift supervisor replied "No," and if venting was needed to monitor the pressure and remove tank from service at 95 psig per operating procedures. At approximately 1700 hours, the chem lab technician opened the volume control tank sample valve and left open for approximately two hours, increasing T-101A pressure by 21 psig. The AO noticed tank pressure at 112 psig and isolated the tank. The tank started leaking slowly almost immediately. On April 10, 1977 the shift supervisor had the Maint Dept tighten the spring tension on all valves. The leakage slowed down immediately at 102 psig; 1 psig was transferred when the tank was sampled. The tank reached 101 psig on April 16, 1977 violating Technical Specification 3.9.17.a. The loss of 9 psig over approximately 88 hours released 3.206 Ci, primarily Xe-133, which is .00076% of the yearly limit. Log sheets indicate that the activity was transferred to the new WGDT, T-68B, that was in service. However, as the activity was below sensitivity of plant effluent monitors, it is hard to prove or disprove this absolutely.

990060