

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

01		P A T I 1		200-00000-000		341114		5	
9		LICENSEE CODE 14		15		LICENSE NUMBER 25		26	
3		LICENSE TYPE 30		57		CAT 58		9	
CON'T		REPORT SOURCE		60		61		DOCKET NUMBER 58	
01		L 6		05000289		70000878		8092278	
7		8		9		10		11	
EVENT DESCRIPTION AND PROBABLE CONSEQUENCES 10		During normal operation, while calibrating a sodium hydroxide tank level transmitter (XMTR) as part of a refueling interval surveillance, the tank was found to contain 17,215 # of sodium hydroxide in violation of T.S. 3.3.1.3b. Maximum allowable limit is 17,000 #. The excess 215 # would have raised the pH of the Reactor Bldg. spray solution slightly if the spray had been required to mitigate the consequences of a LOCA. This event posed no threat to the public's health and safety.		02		03		04	
05		06		07		08		09	
SYSTEM CODE		CAUSE CODE		CAUSE SUBCODE		COMPONENT CODE		COMP. SUBCODE	
S H 11		E 12		E 13		I N S T R U 14		T 15	
9		10		11		12		13	
VALVE SUBCODE		SEQUENTIA		REPORT NO.		OCCURREN		REPORT	
7 16		0 2 8		0 1		T		-	
19		20		21		22		23	
17		LER RO		EVENT YEAR		SHUTDOWN		REVISION	
REPORT		NUMBER		7 8		METHOD		NO.	
01		21		22		23		24	
ACTION		FUTURE		EFFECT		HOURS		ATTACHMENT	
TAKEN		ACTION		PLANT		22		SUBMITTED	
E 18		G 19		Z 20		0 0 0 0		Y 23	
33		34		35		36		37	
CAUSE DESCRIPTION AND CORRECTIVE ACTIONS 27		Leaky O-rings allowing water to pass to the dry side of the XMTR reducing the actual delta P, and calibration drift resulted in low XMTR reading. O-rings replaced and XMTR recalibrated. Tank level was returned to spec within an hour of proper XMTR operation determination. Surv. proc. will be revised to have XMTR cleaned and O-rings replaced on a refueling interval.		10		11		12	
13		14		15		16		17	
FACILITY STATUS		% POWER		OTHER STATUS		METHOD OF DISCOVERY		DISCOVERY DESCRIPTION	
E 28		1 0 0 29		NA 30		B 31		Surveillance Test 32	
9		10		11		12		13	
ACTIVITY		CONTENT		AMOUNT OF ACTIVITY		LOCATION OF RELEASE		35	
RELEASED		OF RELEASE		35		36		37	
Z 33		Z 34		NA 35		NA 36		37	
9		10		11		12		13	
PERSONNEL EXPOSURES		NUMBER		TYPE		DESCRIPTION		39	
0 0 0 37		Z 38		NA 39		40		41	
9		10		11		12		13	
PERSONNEL INJURIES		NUMBER		DESCRIPTION		41		42	
0 0 0 40		NA 41		42		43		44	
9		10		11		12		13	
LOSS OF OR DAMAGE TO FACILITY		TYPE		DESCRIPTION		43		44	
Z 42		NA 43		44		45		46	
9		10		11		12		13	
PUBICITY		ISSUED		DESCRIPTION		45		46	
Y 44		Weekly News Release 45		46		47		48	
9		10		11		12		13	
NAME OF PREPARER		W. S. Stanley		PHONE		(215)929-3601 Ext. 140		NRC USE ONLY	

ATTACHEMENT TO LER 78-28/01T

During normal operation, while calibrating a sodium hydroxide tank level transmitter as part of a refueling interval surveillance, the tank was found to contain 17,215 pounds of sodium hydroxide. This is in violation of Tech. Spec. 3.3.1.3b, which specifies a range of 16,000 to 17,000 pounds of sodium hydroxide.

In event of a LOCA, the contents of the sodium hydroxide tank are necessary to control the pH of the Reactor Building spray system solution. The excess 215 pounds of sodium hydroxide would have raised the pH of the spray solution slightly if the Reactor Building spray system had been initiated. This event posed no threat to the health and safety of the public.

The event occurred because of calibration drift and because water leaked past O-ring seals to the dry side of the transmitter, reducing the actual pressure difference across the transmitter, thus yielding a lower level reading than actually existed. The O-rings were replaced and the transmitter was recalibrated. Within an hour of determining that the transmitter was operating properly, the sodium hydroxide tank level was restored to within Tech. Spec. limits.

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