

POOR ORIGINAL

EVENT DESCRIPTION AND PROBABLE CONSEQUENCES (10)

While performing Test and Experiment report 78-09, with the reactor in the Run mode, a differential pressure between the drywell and torus could not be established without a high leakage rate. The reactor was shutdown to repair the drywell vacuum breakers. (Technical Specification 3.6.4.1.d). The ability of the vacuum breakers to relieve a drywell vacuum was not impeded. There were no effects to public safety.

SYSTEM CODE 517 (11)	CAUSE CODE D (12)	CAUSE SUBCODE Z (13)	COMPONENT CODE VALVE X (14)	COMP. SUBCODE C (15)	VALVE SUBCODE D (16)
EVENT YEAR 78 (22)	SEQUENTIAL REPORT NO. 054 (24)	OCCURRENCE CODE 01 (28)	REPORT TYPE T (30)	REVISION NO. 0 (32)	
ACTION A (34)	EFFECT ON PLANT A (35)	SHUTDOWN METHOD B (36)	HOURS 0065 (37)	ATTACHMENT SUBMITTED Y (41)	FRIME COMP. SUPPLIER A (43)
					COMPONENT MANUFACTURER G202 (46)

CAUSE DESCRIPTION AND CORRECTIVE ACTIONS (27)

Drywell vacuum breaker valves 2T48-F323A thru I were improperly set. The retaining magnets used for the setpoint adjustment were extended too far to allow the valves to seat. The valves were repaired and procedure HNP-2-3957, Suppression Chamber to Drywell Vacuum Breaker System Operability, was performed and found satisfactory.

FACILITY STATUS 1013 (29)	POWER NA (30)	OTHER STATUS C (31)	METHOD OF DISCOVERY Visual Inspection (32)
AMOUNT OF ACTIVITY NA (35)	LOCATION OF RELEASE NA (36)		
PERSONNEL EXPOSURES NA (39)			
INJURIES NA (41)			
DAMAGE TO FACILITY NA (43)			

NRC USE ONLY

NAME OF PREPARER: R. J. Nix
Superintendent of Maintenance

PHONE: (912) 367-7731

781031 0155

NARRATIVE REPORT

LER 50-366/1978-54

On October 17, 1978, while performing Test and Experiment Report 78-09, a differential pressure between the drywell and torus could not be established without a high leakage rate. The Unit was shutdown (Technical Specification 3.6.4.1.d.) to investigate the cause of the leakage.

Drywell vacuum breakers 2T48-F323A thru 2T48-F323L were found to be leaking past the seats. The leakage was caused by the retaining magnets, that are used for the setpoint adjustment, being extended too far. Procedure HNP-2-3958, Suppression to Drywell Vacuum Breaker Delta P Test, fails to specify the need for a slight gap between the magnet and magnet plate to insure the pallet seal is seated properly onto the plate.

The valves were repaired and procedure HNP-2-3957, Suppression Chamber to Drywell Vacuum Breaker System Operability, performed and found satisfactory. A Procedure Change Request is being submitted to the Plant Review Board to incorporate the verification of a gap between the magnet and magnet plate when performing procedure HNP-2-3958.

There were no probable consequences because the Torus Spray and Standby Gas Systems were available to create a differential pressure that would assist the vacuum breaker pallet seals in sealing against the plate. The ability of the drywell vacuum breakers to relieve a drywell vacuum was not impeded and public health and safety were not affected by this occurrence.