

SV3T=	1 *	1 *	(0 +	0 +	0)	
SV3T=	1 *	1 *	0			
SV3T=	0					
SOLVE FOR 27C						
27C =	VC <	27P				
27C =	80 <	100				
27C =	1					
SOLVE FOR PHASE UV1 MINIMUM VOLTAGE C					PHASE UV1 MINIMUM	
59C =	VC >	59P				VOLTAGE C = 0
59C =	80 >	90				(From previous example)
59C =	0					
SOLVE FOR PHASE UV1 C PKP					PHASE UV1 C PKP = 0	
SV4=	27C*	!SV1*	(59A+	59B+	59C)	(From previous example)
SV4=	1 *	!0 *	(0 +	0 +	0)	
SV4=	1 *	1 *	(0 +	0 +	0)	
SV4=	1 *	1 *	0			
SV4=	0					
SOLVE FOR PHASE UV1 C DPO					PHASE UV1 C DPO = 1	
!SV4 =	!SV4					(From previous example)
!SV4 =	!0					
!SV4 =	1					
SOLVE FOR PHASE UV1 C OP					PHASE UV1 C OP = 0	
SV4T=	27C*	!SV1*	(59A+	59B+	59C)	(From previous example)
SV4T=	1 *	!0 *	(0 +	0 +	0)	
SV4T=	1 *	1 *	(0 +	0 +	0)	
SV4T=	1 *	1 *	0			
SV4T=	0					
SOLVE FOR PHASE UV1 PKP					PHASE UV1 PKP = 1	
=	SV2 +	SV3 +		SV4		(From previous example)
=	0 +	0 +		0		
=	0					
SOLVE FOR PHASE UV1 OP					PHASE UV1 OP = 1	
=	SV2T +	SV3T +		SV4T		(From previous example)
=	0 +	0 +		0		
=	0					

Figure 1-54: Evaluation of Example #2, Scenario #2 Logic