		49 CFR 192.473 External Corrosion Control: Interference Currents (a) Each operator whose pipeline system is subject to stray currents shall have in effect a continuing program to minimize the detrimental effects of such currents. (b) Each impressed current type cathodic protection system or galvanic anode system must be designed and installed so as to minimize any adverse effects on existing adjacent underground metallic structures.	
Rectifier Directory			
Date	8-24-2007	Location Map Attached	Case Number
		<input checked="" type="checkbox"/> YES <input type="checkbox"/> NO	0708003
General Data			
Company		Contact	
DOMINION TRANSMISSION		GLORIA A DENNISON	
Address		Office Phone	Cell Phone
LL TONKIN STATION HC 69 BOX 11 WEST UNION, WV 26456		(304)269-4901 EXT 5324	(304)266-5951
Rectifier/Ground Bed Location			
BALL ROAD			
County		Tax District	
WOOD			
Nearest Town or Municipality		Property Owner	
PARKERSBURG		DAVID KOON	
Rectifier Data			
Rectifier Designation / Description			
MAYFIELD RECTIFIER			
Rated Output		Operating Output	
50	DC Volts	30	DC Volts
25	DC Amps	20	DC Amps
			Date Output Taken
			7-10-2007
Ground Bed Description			
Location From Rectifier			
250	Feet	<input checked="" type="checkbox"/> North <input type="checkbox"/> Northeast <input type="checkbox"/> East <input type="checkbox"/> Southeast <input type="checkbox"/> South <input type="checkbox"/> Southwest <input type="checkbox"/> West <input type="checkbox"/> Northwest	
Type of Ground Bed	Number of Anodes	Type of Anodes	Anode Spacing
CONVENTIONAL	12	MIX METAL OXIDE	10 Feet
Structure Protected			
Type of Structure		Size	Length
TRANSMISSION PIPELINE		20"	17.5 MILES
Coating Type	Remarks		
COAL TAR	CIS COMPLETED IN JULY OF 2007 & INTERFERENCE TESTING		
Other Structures			
Companies that may be Affected		HOPE GAS	

HEADER CABLE = 255'
FROM RECTIFIER TO TS

RECTIFIER

POLE

23' Ground CBL From
RECTIFIER TO PIPE LINE

↑ GROUND WIRE

19'

↓

CADWELD TO TL-345 (5' TO Top of Pipe)

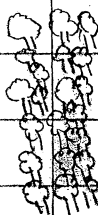
TL-345

106'

↓

* EDGE OF FIELD + WOODS

65'



UP HILL THRU TREES + BRUSH

TO EDGE OF R/W

↑
27' EDGE OF POWER LINE

R/W TO WHERE

↓ CBL GO'S DOWN HILL

← 34' →

19'

↓

CBL
TS

120'

GROUND BED IS ON UPPER SIDE OF R/W

12 MIX METAL OXIDE ANODE SPACED @ 10' INTERVALS + BURIED 48" TO 50" DEEP

HEADER CBL IS 15" TO 18" DEEP 5/3/01 DENNISON + RIEFFLE

Mayfield Rectifier +
Ground bed

Ball Road off of
Rt 2 (below Owens
Jct)

5-3-07