



# Inspection Report - Locking Tests & Inspections

<b>Division:</b> POWDER RIVER	<b>Asset ID:</b> BABL2KX
<b>Subdivision:</b> BUTTE	<b>Test Date:</b> 02/09/2007
<b>Milepost (with Line Segment):</b> 4 475.20 - 475.20	<b>State:</b> SD
<b>Location / Highway Name:</b> east edgemont	
<b>County:</b> FALL RIVER	
<b>Employee's Name:</b> Daryll Hays (dhays)	<b>PARS Number:</b> SINS0167

**Conditions Master Key**

- C = Test completed, no exceptions found, and condition left in compliance.
- A = Adjustments made (identified in associated comments), test completed, and condition left in compliance.
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- B = Baseline data matches that recorded during the most recent Baseline test, so full test not required.
- G = Governed by Special Instruction
- NT = The equipment was not tested in this inspection.
- N = Test Not Applicable.
- NI = No Inspection Required.
- CO = Compliant
- NC = Not compliant
- P = Pass
- F = Fail

**NOTE:** Entry of results of tests indicates for approach locking that all track sections in approach are effective, and for time locking each time locking circuit is effective.

Locking Tests								
Route Nomenclature	Date Tested	Mechanical (FRA 236.376)	Approach (FRA 236.377)	Time (FRA 236.378)	Route (FRA 236.379)	Indication (FRA 236.380)	Traffic (FRA 236.381)	
1EA(sig)-1.N(sw)-1WA(sig)	02/09/2007	N	C	N	C	C	N	
1EB(sig)-1.R(sw)-1WB(sig)	02/09/2007	N	N	C	C	C	N	
1WA(sig)-1.N(sw)-1EA(sig)	02/09/2007	N	C	N	C	C	N	
1WB(sig)-1.R(sw)-1EB(sig)	02/09/2007	N	C	N	C	C	N	



# Inspection Report - Locking Tests & Inspections

<b>Division:</b> POWDER RIVER	<b>Asset ID:</b> BABL2KX
<b>Subdivision:</b> BUTTE	<b>Test Date:</b> 02/09/2009
<b>Milepost (with Line Segment):</b> 4 475.20 - 475.20	<b>State:</b> SD
<b>Location / Highway Name:</b> east edgemont	
<b>County:</b> FALL RIVER	
<b>Employee's Name:</b> Daryll Hays (dhays)	<b>PARS Number:</b> SINS0167

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Locking Tests								
Route Nomenclature	Date Tested	Mechanical (FRA 236.376)	Approach (FRA 236.377)	Time (FRA 236.378)	Route (FRA 236.379)	Indication (FRA 236.380)	Traffic (FRA 236.381)	
1EA(sig)-1.N(sw)-1WA(sig)	02/09/2009	N	C	N	C	C	N	
1EB(sig)-1.R(sw)-1WB(sig)	02/09/2009	N	N	C	C	C	N	
1WA(sig)-1.N(sw)-1EA(sig)	02/09/2009	N	C	N	C	C	N	
1WB(sig)-1.R(sw)-1EB(sig)	02/09/2009	N	C	N	C	C	N	



# Inspection Report - Locking Tests & Inspections

<b>Division:</b> POWDER RIVER	<b>Asset ID:</b> BABL2KX
<b>Subdivision:</b> BUTTE	<b>Test Date:</b> 02/07/2011
<b>Milepost (with Line Segment):</b> 4 475.20 - 475.20	<b>State:</b> SD
<b>Location / Highway Name:</b> east edgemont	
<b>County:</b> FALL RIVER	
<b>Employee's Name:</b> Daryll Hays (dhays)	<b>PARS Number:</b> SINS0167

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1EA(sig)-1.N(sw)-1WA(sig)	02/07/2011	N	C	N	C	C	N	
1EB(sig)-1.R(sw)-1WB(sig)	02/07/2011	N	N	C	C	C	N	
1WA(sig)-1.N(sw)-1EA(sig)	02/07/2011	N	C	N	C	C	N	
1WB(sig)-1.R(sw)-1EB(sig)	02/07/2011	N	C	N	C	C	N	



# Inspection Report - Locking Tests & Inspections

<b>Division:</b> POWDER RIVER	<b>Asset ID:</b> BABL2KX
<b>Subdivision:</b> BUTTE	<b>Test Date:</b> 02/04/2013
<b>Milepost (with Line Segment):</b> 4 475.20 - 475.20	<b>State:</b> SD
<b>Location / Highway Name:</b> east edgemont	
<b>County:</b> FALL RIVER	
<b>Employee's Name:</b> Daryll Hays (dhays)	<b>PARS Number:</b> SINS0167

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1EA(sig)-1.N(sw)-1WA(sig)	02/04/2013	N	C	N	C	C	N	
1EB(sig)-1.R(sw)-1WB(sig)	02/04/2013	N	N	C	C	C	C	
1WA(sig)-1.N(sw)-1EA(sig)	02/04/2013	N	C	N	C	C	N	
1WB(sig)-1.R(sw)-1EB(sig)	02/04/2013	N	C	N	C	C	N	



# Inspection Report - Locking Tests & Inspections

<b>Division:</b> POWDER RIVER	<b>Asset ID:</b> BABL2KX
<b>Subdivision:</b> BUTTE	<b>Test Date:</b> 02/04/2013
<b>Milepost (with Line Segment):</b> 4 475.20 - 475.20	<b>State:</b> SD
<b>Location / Highway Name:</b> east edgemont	
<b>County:</b> FALL RIVER	
<b>Employee's Name:</b> Daryll Hays (dhays)	<b>PARS Number:</b> SINS0167

NOTE: This test was sent in an inordinate amount of time after the date on which it was performed. As such, this is likely a startup test. You may want to check into paper records for more accurate information about this test, or contact RailDOCS Support at raildocs.support@ge.com if you think this is not correct.

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Route Nomenclature	Date Tested	Mechanical (FRA 236.376)	Approach (FRA 236.377)	Time (FRA 236.378)	Route (FRA 236.379)	Indication (FRA 236.380)	Traffic (FRA 236.381)	
1EA(sig)-1.N(sw)-1WA(sig)	02/04/2013	N	C	N	C	C	N	
1EB(sig)-1.R(sw)-1WB(sig)	02/04/2013	N	N	C	C	C	N	
1WA(sig)-1.N(sw)-1EA(sig)	02/04/2013	N	C	N	C	C	N	
1WB(sig)-1.R(sw)-1EB(sig)	02/04/2013	N	C	N	C	C	N	



# Inspection Report - Locking Tests & Inspections

<b>Division:</b> POWDER RIVER	<b>Asset ID:</b> BABL2KX
<b>Subdivision:</b> BUTTE	<b>Test Date:</b> 01/07/2015
<b>Milepost (with Line Segment):</b> 4 475.20 - 475.20	<b>State:</b> SD
<b>Location / Highway Name:</b> east edgemont	
<b>County:</b> FALL RIVER	
<b>Employee's Name:</b> Daryll Hays (dhays)	<b>PARS Number:</b> SINS0167

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Locking Tests								
Route Nomenclature	Date Tested	Mechanical (FRA 236.376)	Approach (FRA 236.377)	Time (FRA 236.378)	Route (FRA 236.379)	Indication (FRA 236.380)	Traffic (FRA 236.381)	
1EA(sig)-1.N(sw)-1WA(sig)	01/07/2015	N	C	N	C	C	N	
1EB(sig)-1.R(sw)-1WB(sig)	01/07/2015	N	N	C	C	C	N	
1WA(sig)-1.N(sw)-1EA(sig)	01/07/2015	N	C	N	C	C	N	
1WB(sig)-1.R(sw)-1EB(sig)	01/07/2015	N	C	N	C	C	N	



# Inspection Report - Locking Tests & Inspections

<b>Division:</b> POWDER RIVER	<b>Asset ID:</b> BABL2KX
<b>Subdivision:</b> BUTTE	<b>Test Date:</b> 11/19/2015
<b>Milepost (with Line Segment):</b> 4 475.20 - 475.20	<b>State:</b> SD
<b>Location / Highway Name:</b> east edgemont	
<b>County:</b> FALL RIVER	
<b>Employee's Name:</b> Bryant Quick (bquick)	<b>PARS Number:</b> SINS0251

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Locking Tests							
Route Nomenclature	Date Tested	Mechanical (FRA 236.376)	Approach (FRA 236.377)	Time (FRA 236.378)	Route (FRA 236.379)	Indication (FRA 236.380)	Traffic (FRA 236.381)
1EA(sig)-1.N(sw)-1WA(sig)	11/19/2015	NT	NT	NT	NT	C	NT
1EB(sig)-1.R(sw)-1WB(sig)	11/19/2015	NT	NT	NT	NT	C	NT
1WA(sig)-1.N(sw)-1EA(sig)	11/19/2015	NT	NT	NT	NT	C	NT
1WB(sig)-1.R(sw)-1EB(sig)	11/19/2015	NT	NT	NT	NT	C	NT



# Inspection Report - Locking Tests & Inspections

<b>Division:</b> POWDER RIVER	<b>Asset ID:</b> BABL2KX
<b>Subdivision:</b> BUTTE	<b>Test Date:</b> 01/05/2017
<b>Milepost (with Line Segment):</b> 4 475.20 - 475.20	<b>State:</b> SD
<b>Location / Highway Name:</b> east edgemont	
<b>County:</b> FALL RIVER	
<b>Employee's Name:</b> Robin Freeze (rfreeze)	<b>PARS Number:</b> SINS0167

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Locking Tests								
Route Nomenclature	Date Tested	Mechanical (FRA 236.376)	Approach (FRA 236.377)	Time (FRA 236.378)	Route (FRA 236.379)	Indication (FRA 236.380)	Traffic (FRA 236.381)	
1EA(sig)-1.N(sw)-1WA(sig)	01/05/2017	N	C	N	C	C	N	
1EB(sig)-1.R(sw)-1WB(sig)	01/05/2017	N	N	C	C	C	N	
1WA(sig)-1.N(sw)-1EA(sig)	01/05/2017	N	C	N	C	C	N	
1WB(sig)-1.R(sw)-1EB(sig)	01/05/2017	N	C	N	C	C	N	





# Inspection Report - Insulation Tests & Inspections

<b>Division:</b> POWDER RIVER	<b>Asset ID:</b> BABL2KX
<b>Subdivision:</b> BUTTE	<b>Test Date:</b> 04/30/2007
<b>Milepost (with Line Segment):</b> 4 475.20 - 475.20	<b>State:</b> SD
<b>Location / Highway Name:</b> east edgemont	
<b>County:</b> FALL RIVER	
<b>Employee's Name:</b> John Dexter (jdexter)	<b>PARS Number:</b> SINS0168

**Conditions Master Key**

C = Test completed, condition left in compliance. Indicates that all wires in trunking and cable measured 500K Ohms and above.  
A = Annual test required; insulation resistance between 500K and 200K Ohms. Prompt action shall be taken to remedy condition.  
R = Repairs and/or Replacements made (identified in associated comments), test completed, and condition left in compliance.  
NT = The equipment was not tested in this inspection.  
N = No inspection required. This is an annual re-inspection of a different conductor.

Insulation Tests (FRA 234.267, 236.108)					
Cable Type	Conductors	Wire Size	Run From	Run To	Cond.
Underground	12	14	HOUSE	1 SWITCH	C
Underground	3	6	HOUSE	1 SWITCH	C
Underground	2	6	HOUSE	1 SWITCH	C
Underground	5	9	HOUSE	1EA SIG.	C
Underground	5	9	HOUSE	1EB SIG.	C
Underground	5	9	HOUSE	1EC SIG.	C
Underground	5	9	HOUSE	1ED SIG.	C
Underground	5	9	HOUSE	1WA SIG.	C
Underground	5	9	HOUSE	1WB SIG.	C
Underground	5	9	HOUSE	2EA SIG.	C
Underground	5	9	HOUSE	2EB SIG.	C
Underground	5	9	HOUSE	2WA SIG.	C
Underground	7	14	HOUSE	SW. HTR.	C



# Inspection Report - Relay Tests & Inspections

<b>Division:</b> POWDER RIVER	<b>Asset ID:</b> BABL2KX
<b>Subdivision:</b> BUTTE	<b>Test Date:</b> 05/07/2007
<b>Milepost (with Line Segment):</b> 4 475.20 - 475.20	<b>State:</b> SD
<b>Location / Highway Name:</b> east edgemont	
<b>County:</b> FALL RIVER	
<b>Employee's Name:</b> Daryll Hays (dhays)	<b>PARS Number:</b> SINS0167

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- C = Test completed, condition left in compliance.
- R = Replacements made (identified in associated comments), test completed, and condition left in compliance.
- V = Visual inspection completed, condition left in compliance.
- NT = The equipment was not tested in this inspection.
- N = No inspection required. The given relay does not require inspection at this time.

Relay Tests (FRA 234.263, 236.106)				
Shelf Name RACK 2G	Relay Name 1E-BKR	Serial Number L803155	Condition Left NT	
Relay Type (Drawing and/or Catalog Number) PN-150B (N322500-701 / 4A1)		Resistance (Ohms) 400	Contacts 6FB	Date Tested Not Tested
Shelf Name RACK 2G	Relay Name 1E-TR	Serial Number L794445	Condition Left NT	
Relay Type (Drawing and/or Catalog Number) PN-150B (N322500-701 / 4A1)		Resistance (Ohms) 400	Contacts 6FB	Date Tested Not Tested
Shelf Name RACK 2G	Relay Name OSTR	Serial Number L789462	Condition Left NT	
Relay Type (Drawing and/or Catalog Number) PN-150BTR (322501-702)		Resistance (Ohms) 4	Contacts 6F-6B	Date Tested Not Tested
Shelf Name RACK 2G	Relay Name OSTP-THR	Serial Number L778687	Condition Left NT	
Relay Type (Drawing and/or Catalog Number) PT-150 (322518-005)		Resistance (Ohms)	Contacts 1F-1CB	Date Tested Not Tested
Shelf Name RACK 2G	Relay Name OSTPR	Serial Number L803079	Condition Left NT	
Relay Type (Drawing and/or Catalog Number) PN-250B (N322554-701 / 4A1)		Resistance (Ohms) 250 (500/500 parallel)	Contacts 6FB-6F-3B	Date Tested Not Tested
Shelf Name RACK 2G	Relay Name OSTPPR	Serial Number L793461	Condition Left NT	
Relay Type (Drawing and/or Catalog Number) PN-150B (N322500-701 / 4A1)		Resistance (Ohms) 400	Contacts 6FB	Date Tested Not Tested
Shelf Name RACK 2G	Relay Name POR	Serial Number 1281980	Condition Left C	
Relay Type (Drawing and/or Catalog Number) PN-150P (322508-702-002)		Resistance (Ohms) 240	Contacts 4F-4BHD	Date Tested 05/07/2007
Neutral Dropaway 7.2200 V AC		Neutral Pickup 8.9800 V AC		Neutral Working 8.9800 V AC
Shelf Name RACK 2F	Relay Name 1W-BKR	Serial Number L793456	Condition Left NT	
Relay Type (Drawing and/or Catalog Number) PN-150B (N322500-701 / 4A1)		Resistance (Ohms) 400	Contacts 6FB	Date Tested Not Tested
Shelf Name RACK 2F	Relay Name P-TR	Serial Number L769753	Condition Left NT	
Relay Type (Drawing and/or Catalog Number) PN-150BTR (322501-701)		Resistance (Ohms) 1	Contacts 6F-6B	Date Tested Not Tested
Shelf Name RACK 2F	Relay Name 1W-TR	Serial Number L753231	Condition Left NT	
Relay Type (Drawing and/or Catalog Number) PN-150B (N322500-701 / 4A1)		Resistance (Ohms) 400	Contacts 6FB	Date Tested Not Tested
Shelf Name RACK 2F	Relay Name OSA-TR	Serial Number L814380	Condition Left NT	
Relay Type (Drawing and/or Catalog Number) PN-150BTR (322501-702)		Resistance (Ohms) 4	Contacts 6F-6B	Date Tested Not Tested
Shelf Name RACK 2E	Relay Name 1LR	Serial Number L802432	Condition Left NT	
Relay Type (Drawing and/or Catalog Number) PN-150B (N322500-701 / 4A1)		Resistance (Ohms) 400	Contacts 6FB	Date Tested Not Tested

**Relay Tests (FRA 234.263, 236.106)**

Shelf Name RACK 2E	Relay Name 1LSR	Serial Number L793457	Condition Left NT
Relay Type (Drawing and/or Catalog Number) PN-150B (N322500-701 / 4A1)		Resistance (Ohms) 400	Contacts 6FB Date Tested Not Tested
Shelf Name RACK 2E	Relay Name 1E-ASR	Serial Number L803289	Condition Left NT
Relay Type (Drawing and/or Catalog Number) PN-150B (N322500-701 / 4A1)		Resistance (Ohms) 400	Contacts 6FB Date Tested Not Tested
Shelf Name RACK 2E	Relay Name 1W-ASR	Serial Number L804645	Condition Left NT
Relay Type (Drawing and/or Catalog Number) PN-150B (N322500-701 / 4A1)		Resistance (Ohms) 400	Contacts 6FB Date Tested Not Tested
Shelf Name RACK 2E	Relay Name 1ASPR	Serial Number L793522	Condition Left NT
Relay Type (Drawing and/or Catalog Number) PN-150B (N322500-701 / 4A1)		Resistance (Ohms) 400	Contacts 6FB Date Tested Not Tested
Shelf Name RACK 2E	Relay Name 1TER	Serial Number L816896	Condition Left NT
Relay Type (Drawing and/or Catalog Number) PN-150T (322523-308)		Resistance (Ohms)	Contacts 3F Date Tested Not Tested
Shelf Name RACK 2D	Relay Name 1-WR	Serial Number L815449	Condition Left NT
Relay Type (Drawing and/or Catalog Number) PP-151 (322516-001)		Resistance (Ohms) 240	Contacts 6NR Date Tested Not Tested
Shelf Name RACK 2D	Relay Name 1-OR	Serial Number L806579	Condition Left NT
Relay Type (Drawing and/or Catalog Number) PN-150SO (322512-002)		Resistance (Ohms) 0.039	Contacts 1B-1C Date Tested Not Tested
Shelf Name RACK 2D	Relay Name 1-WRPR	Serial Number L797150	Condition Left NT
Relay Type (Drawing and/or Catalog Number) PN-150BM (322517-001)		Resistance (Ohms) 240	Contacts 2FMHD Date Tested Not Tested
Shelf Name RACK 2D	Relay Name 1E-ASPR	Serial Number L796869	Condition Left NT
Relay Type (Drawing and/or Catalog Number) PN-150B (N322500-701 / 4A1)		Resistance (Ohms) 400	Contacts 6FB Date Tested Not Tested
Shelf Name RACK 2D	Relay Name 1NWCR	Serial Number L810747	Condition Left NT
Relay Type (Drawing and/or Catalog Number) PN-250B (N322554-701 / 4A1)		Resistance (Ohms) 250 (500/500 parallel)	Contacts 6FB-6F-3B Date Tested Not Tested
Shelf Name RACK 2D	Relay Name 1RWCR	Serial Number L803072	Condition Left NT
Relay Type (Drawing and/or Catalog Number) PN-250B (N322554-701 / 4A1)		Resistance (Ohms) 250 (500/500 parallel)	Contacts 6FB-6F-3B Date Tested Not Tested
Shelf Name RACK 1F	Relay Name 1E-HR	Serial Number L803266	Condition Left NT
Relay Type (Drawing and/or Catalog Number) PN-150B (N322500-701 / 4A1)		Resistance (Ohms) 400	Contacts 6FB Date Tested Not Tested
Shelf Name RACK 1F	Relay Name 1E-PCR	Serial Number L811679	Condition Left NT
Relay Type (Drawing and/or Catalog Number) PN-150BSR (N322503-701 / 4A3)		Resistance (Ohms) 100	Contacts 6F-6B Date Tested Not Tested
Shelf Name RACK 1F	Relay Name 1E-DR	Serial Number L793251	Condition Left NT
Relay Type (Drawing and/or Catalog Number) PN-150B (N322500-701 / 4A1)		Resistance (Ohms) 400	Contacts 6FB Date Tested Not Tested
Shelf Name RACK 1F	Relay Name 1E-FYR	Serial Number L793452	Condition Left NT
Relay Type (Drawing and/or Catalog Number) PN-150B (N322500-701 / 4A1)		Resistance (Ohms) 400	Contacts 6FB Date Tested Not Tested
Shelf Name RACK 1F	Relay Name 2EB-LOR	Serial Number L808944	Condition Left NT
Relay Type (Drawing and/or Catalog Number) PN-150BL (322510-003)		Resistance (Ohms) 175	Contacts 3FB Date Tested Not Tested
Shelf Name RACK 1F	Relay Name 1E-YYR	Serial Number L759455	Condition Left NT
Relay Type (Drawing and/or Catalog Number) PN-150B (N322500-701 / 4A1)		Resistance (Ohms) 400	Contacts 6FB Date Tested Not Tested
Shelf Name RACK 1F	Relay Name SMKR	Serial Number 2480908	Condition Left NT
Relay Type (Drawing and/or Catalog Number) PN-150B (N322500-701 / 4A1)		Resistance (Ohms) 400	Contacts 6FB Date Tested Not Tested

**Relay Tests (FRA 234.263, 236.106)**

Shelf Name RACK 1F	Relay Name EAR	Serial Number L796679	Condition Left NT
Relay Type (Drawing and/or Catalog Number) PN-150B (N322500-701 / 4A1)		Resistance (Ohms) 400	Contacts 6FB
Date Tested Not Tested			
Shelf Name RACK 1F	Relay Name WAR	Serial Number L934973	Condition Left NT
Relay Type (Drawing and/or Catalog Number) PN-150B (N322500-701 / 4A1)		Resistance (Ohms) 400	Contacts 6FB
Date Tested Not Tested			
Shelf Name RACK 1E	Relay Name 1W-YYR	Serial Number L829731	Condition Left NT
Relay Type (Drawing and/or Catalog Number) PN-150B (N322500-701 / 4A1)		Resistance (Ohms) 400	Contacts 6FB
Date Tested Not Tested			
Shelf Name RACK 1E	Relay Name 1W-DR	Serial Number 1980590	Condition Left NT
Relay Type (Drawing and/or Catalog Number) PN-150B (N322500-701 / 4A1)		Resistance (Ohms) 400	Contacts 6FB
Date Tested Not Tested			
Shelf Name RACK 1E	Relay Name 1W-FYR	Serial Number L793853	Condition Left NT
Relay Type (Drawing and/or Catalog Number) PN-150B (N322500-701 / 4A1)		Resistance (Ohms) 400	Contacts 6FB
Date Tested Not Tested			
Shelf Name RACK 1E	Relay Name 1EA-HGPR	Serial Number 2580202	Condition Left NT
Relay Type (Drawing and/or Catalog Number) PN-150B (N322500-701 / 4A1)		Resistance (Ohms) 400	Contacts 6FB
Date Tested Not Tested			
Shelf Name RACK 1E	Relay Name 1W-HR	Serial Number L793438	Condition Left NT
Relay Type (Drawing and/or Catalog Number) PN-150B (N322500-701 / 4A1)		Resistance (Ohms) 400	Contacts 6FB
Date Tested Not Tested			
Shelf Name RACK 1E	Relay Name 1W-PCR	Serial Number L811661	Condition Left NT
Relay Type (Drawing and/or Catalog Number) PN-150BSR (N322503-701 / 4A3)		Resistance (Ohms) 100	Contacts 6F-6B
Date Tested Not Tested			
Shelf Name RACK 1E	Relay Name 2W-NWPR	Serial Number L796961	Condition Left NT
Relay Type (Drawing and/or Catalog Number) PN-150B (N322500-701 / 4A1)		Resistance (Ohms) 400	Contacts 6FB
Date Tested Not Tested			
Shelf Name RACK 1E	Relay Name 1-EOR	Serial Number B1395302	Condition Left NT
Relay Type (Drawing and/or Catalog Number) PN-150F (N322530-701)		Resistance (Ohms) 60	Contacts 6FB
Date Tested Not Tested			
Shelf Name RACK 1D	Relay Name 1EA-HGR	Serial Number L803286	Condition Left NT
Relay Type (Drawing and/or Catalog Number) PN-150B (N322500-701 / 4A1)		Resistance (Ohms) 400	Contacts 6FB
Date Tested Not Tested			
Shelf Name RACK 1D	Relay Name 1EA-LOR	Serial Number L827406	Condition Left NT
Relay Type (Drawing and/or Catalog Number) PN-150BL (322510-003)		Resistance (Ohms) 175	Contacts 3FB
Date Tested Not Tested			
Shelf Name RACK 1D	Relay Name 1EB-HGPR	Serial Number L793523	Condition Left NT
Relay Type (Drawing and/or Catalog Number) PN-150B (N322500-701 / 4A1)		Resistance (Ohms) 400	Contacts 6FB
Date Tested Not Tested			
Shelf Name RACK 1D	Relay Name 1EB-HGR	Serial Number L793534	Condition Left NT
Relay Type (Drawing and/or Catalog Number) PN-150B (N322500-701 / 4A1)		Resistance (Ohms) 400	Contacts 6FB
Date Tested Not Tested			
Shelf Name RACK 1D	Relay Name 1EB-LOR	Serial Number L940894	Condition Left NT
Relay Type (Drawing and/or Catalog Number) PN-150BL (322510-903)		Resistance (Ohms) 175	Contacts 3FB
Date Tested Not Tested			
Shelf Name RACK 1D	Relay Name 1EC-LOR	Serial Number L808982	Condition Left NT
Relay Type (Drawing and/or Catalog Number) PN-150BL (322510-003)		Resistance (Ohms) 175	Contacts 3FB
Date Tested Not Tested			
Shelf Name RACK 1D	Relay Name 2E-YYR	Serial Number L765578	Condition Left NT
Relay Type (Drawing and/or Catalog Number) PN-150B (N322500-701 / 4A1)		Resistance (Ohms) 400	Contacts 6FB
Date Tested Not Tested			
Shelf Name RACK 1D	Relay Name 2E-PCR	Serial Number L582170	Condition Left NT
Relay Type (Drawing and/or Catalog Number) PN-150BSR (N322503-701 / 4A3)		Resistance (Ohms) 100	Contacts 6F-6B
Date Tested Not Tested			

**Relay Tests (FRA 234.263, 236.106)**

Shelf Name RACK 1D	Relay Name 2-EOR	Serial Number B1395318	Condition Left NT
Relay Type (Drawing and/or Catalog Number) PN-150F (N322530-701)		Resistance (Ohms) 60	Contacts 6FB
Date Tested Not Tested			
Shelf Name RACK 1C	Relay Name 1WA-HGR	Serial Number L802365	Condition Left NT
Relay Type (Drawing and/or Catalog Number) PN-150B (N322500-701 / 4A1)		Resistance (Ohms) 400	Contacts 6FB
Date Tested Not Tested			
Shelf Name RACK 1C	Relay Name 1WA-LOR	Serial Number L809029	Condition Left NT
Relay Type (Drawing and/or Catalog Number) PN-150BL (322510-003)		Resistance (Ohms) 175	Contacts 3FB
Date Tested Not Tested			
Shelf Name RACK 1C	Relay Name 1W-HGPR	Serial Number 2580256	Condition Left NT
Relay Type (Drawing and/or Catalog Number) PN-150B (N322500-701 / 4A1)		Resistance (Ohms) 400	Contacts 6FB
Date Tested Not Tested			
Shelf Name RACK 1C	Relay Name 1WB-HGR	Serial Number L840587	Condition Left NT
Relay Type (Drawing and/or Catalog Number) PN-150B (N322500-701 / 4A1)		Resistance (Ohms) 400	Contacts 6FB
Date Tested Not Tested			
Shelf Name RACK 1C	Relay Name 1WB-LOR	Serial Number L808928	Condition Left NT
Relay Type (Drawing and/or Catalog Number) PN-150BL (322510-003)		Resistance (Ohms) 175	Contacts 3FB
Date Tested Not Tested			
Shelf Name RACK 1C	Relay Name 2W-LOR	Serial Number L826673	Condition Left NT
Relay Type (Drawing and/or Catalog Number) PN-150BL (322510-003)		Resistance (Ohms) 175	Contacts 3FB
Date Tested Not Tested			
Shelf Name RACK 1C	Relay Name 2EA-LOR	Serial Number L808927	Condition Left NT
Relay Type (Drawing and/or Catalog Number) PN-150BL (322510-003)		Resistance (Ohms) 175	Contacts 3FB
Date Tested Not Tested			
Shelf Name RACK 1C	Relay Name 2E-DR	Serial Number 2580255	Condition Left NT
Relay Type (Drawing and/or Catalog Number) PN-150B (N322500-701 / 4A1)		Resistance (Ohms) 400	Contacts 6FB
Date Tested Not Tested			
Shelf Name RACK 1C	Relay Name 2W-SR	Serial Number L804655	Condition Left NT
Relay Type (Drawing and/or Catalog Number) PN-150B (N322500-701 / 4A1)		Resistance (Ohms) 400	Contacts 6FB
Date Tested Not Tested			
Shelf Name RACK 1C	Relay Name 2E-SR	Serial Number L803217	Condition Left NT
Relay Type (Drawing and/or Catalog Number) PN-150B (N322500-701 / 4A1)		Resistance (Ohms) 400	Contacts 6FB
Date Tested Not Tested			
Shelf Name RACK 1B	Relay Name 2E-TR	Serial Number L751635	Condition Left NT
Relay Type (Drawing and/or Catalog Number) PN-150B (N322500-701 / 4A1)		Resistance (Ohms) 400	Contacts 6FB
Date Tested Not Tested			
Shelf Name RACK 1B	Relay Name 2W-TR	Serial Number L957397	Condition Left NT
Relay Type (Drawing and/or Catalog Number) PN-150B (N322500-701 / 4A1)		Resistance (Ohms) 400	Contacts 6FB
Date Tested Not Tested			
Shelf Name RACK 1B	Relay Name 2E-HR	Serial Number L793467	Condition Left NT
Relay Type (Drawing and/or Catalog Number) PN-150B (N322500-701 / 4A1)		Resistance (Ohms) 400	Contacts 6FB
Date Tested Not Tested			
Shelf Name RACK 1B	Relay Name 2E-HPR	Serial Number L812811	Condition Left NT
Relay Type (Drawing and/or Catalog Number) PN-150BSR (N322503-701 / 4A3)		Resistance (Ohms) 100	Contacts 6F-6B
Date Tested Not Tested			
Shelf Name RACK 1B	Relay Name 2E-FYR	Serial Number L802385	Condition Left NT
Relay Type (Drawing and/or Catalog Number) PN-150B (N322500-701 / 4A1)		Resistance (Ohms) 400	Contacts 6FB
Date Tested Not Tested			
Shelf Name RACK 1B	Relay Name 2W-HR	Serial Number L824700	Condition Left NT
Relay Type (Drawing and/or Catalog Number) PN-150B (N322500-701 / 4A1)		Resistance (Ohms) 400	Contacts 6FB
Date Tested Not Tested			
Shelf Name RACK 1B	Relay Name 2W-HPR	Serial Number L811723	Condition Left NT
Relay Type (Drawing and/or Catalog Number) PN-150BSR (N322503-701 / 4A3)		Resistance (Ohms) 100	Contacts 6F-6B
Date Tested Not Tested			

**Relay Tests (FRA 234.263, 236.106)**

<b>Shelf Name</b> RACK 1B	<b>Relay Name</b> 2W-FYR	<b>Serial Number</b> L793238	<b>Condition Left</b> NT	
<b>Relay Type (Drawing and/or Catalog Number)</b> PN-150B (N322500-701 / 4A1)		<b>Resistance (Ohms)</b> 400	<b>Contacts</b> 6FB	<b>Date Tested</b> Not Tested
<b>Shelf Name</b> RACK 1B	<b>Relay Name</b> 2W-DR	<b>Serial Number</b> L793531	<b>Condition Left</b> NT	
<b>Relay Type (Drawing and/or Catalog Number)</b> PN-150B (N322500-701 / 4A1)		<b>Resistance (Ohms)</b> 400	<b>Contacts</b> 6FB	<b>Date Tested</b> Not Tested
<b>Shelf Name</b> RACK 1B	<b>Relay Name</b> 2W-PCR	<b>Serial Number</b> L811696	<b>Condition Left</b> NT	
<b>Relay Type (Drawing and/or Catalog Number)</b> PN-150BSR (N322503-701 / 4A3)		<b>Resistance (Ohms)</b> 100	<b>Contacts</b> 6F-6B	<b>Date Tested</b> Not Tested



# Inspection Report - Relay Tests & Inspections

<b>Division:</b> POWDER RIVER	<b>Asset ID:</b> BABL2KX
<b>Subdivision:</b> BUTTE	<b>Test Date:</b> 07/21/2008
<b>Milepost (with Line Segment):</b> 4 475.20 - 475.20	<b>State:</b> SD
<b>Location / Highway Name:</b> east edgemont	
<b>County:</b> FALL RIVER	
<b>Employee's Name:</b> Daryll Hays (dhays)	<b>PARS Number:</b> SINS0167

**Conditions Master Key**

- C = Test completed, condition left in compliance.
- R = Replacements made (identified in associated comments), test completed, and condition left in compliance.
- V = Visual inspection completed, condition left in compliance.
- NT = The equipment was not tested in this inspection.
- N = No inspection required. The given relay does not require inspection at this time.

Relay Tests (FRA 234.263, 236.106)			
Shelf Name RACK 2G	Relay Name 1E-BKR	Serial Number L803155	Condition Left N
Relay Type (Drawing and/or Catalog Number) PN-150B (N322500-701 / 4A1)		Resistance (Ohms) 400	Contacts 6FB
Shelf Name RACK 2G	Relay Name 1E-TR	Serial Number L794445	Condition Left N
Relay Type (Drawing and/or Catalog Number) PN-150B (N322500-701 / 4A1)		Resistance (Ohms) 400	Contacts 6FB
Shelf Name RACK 2G	Relay Name OSTR	Serial Number L789462	Condition Left N
Relay Type (Drawing and/or Catalog Number) PN-150BTR (322501-702)		Resistance (Ohms) 4	Contacts 6F-6B
Shelf Name RACK 2G	Relay Name OSTP-THR	Serial Number L778687	Condition Left N
Relay Type (Drawing and/or Catalog Number) PT-150 (322518-005)		Resistance (Ohms)	Contacts 1F-1CB
Shelf Name RACK 2G	Relay Name OSTPR	Serial Number L803079	Condition Left N
Relay Type (Drawing and/or Catalog Number) PN-250B (N322554-701 / 4A1)		Resistance (Ohms) 250 (500/500 parallel)	Contacts 6FB-6F-3B
Shelf Name RACK 2G	Relay Name OSTPPR	Serial Number L793461	Condition Left N
Relay Type (Drawing and/or Catalog Number) PN-150B (N322500-701 / 4A1)		Resistance (Ohms) 400	Contacts 6FB
Shelf Name RACK 2G	Relay Name POR	Serial Number 1281980	Condition Left N
Relay Type (Drawing and/or Catalog Number) PN-150P (322508-702-002)		Resistance (Ohms) 240	Contacts 4F-4BHD
Shelf Name RACK 2F	Relay Name 1W-BKR	Serial Number L793456	Condition Left N
Relay Type (Drawing and/or Catalog Number) PN-150B (N322500-701 / 4A1)		Resistance (Ohms) 400	Contacts 6FB
Shelf Name RACK 2F	Relay Name P-TR	Serial Number L769753	Condition Left N
Relay Type (Drawing and/or Catalog Number) PN-150BTR (322501-701)		Resistance (Ohms) 1	Contacts 6F-6B
Shelf Name RACK 2F	Relay Name 1W-TR	Serial Number L753231	Condition Left N
Relay Type (Drawing and/or Catalog Number) PN-150B (N322500-701 / 4A1)		Resistance (Ohms) 400	Contacts 6FB
Shelf Name RACK 2F	Relay Name OSA-TR	Serial Number L814380	Condition Left N
Relay Type (Drawing and/or Catalog Number) PN-150BTR (322501-702)		Resistance (Ohms) 4	Contacts 6F-6B
Shelf Name RACK 2E	Relay Name 1LR	Serial Number L802432	Condition Left N
Relay Type (Drawing and/or Catalog Number) PN-150B (N322500-701 / 4A1)		Resistance (Ohms) 400	Contacts 6FB
Shelf Name RACK 2E	Relay Name 1LSR	Serial Number L793457	Condition Left N
Relay Type (Drawing and/or Catalog Number) PN-150B (N322500-701 / 4A1)		Resistance (Ohms) 400	Contacts 6FB

**Relay Tests (FRA 234.263, 236.106)**

Shelf Name RACK 2E	Relay Name 1E-ASR	Serial Number L803289	Condition Left N
Relay Type (Drawing and/or Catalog Number) PN-150B (N322500-701 / 4A1)		Resistance (Ohms) 400	Contacts 6FB
Date Tested			
Shelf Name RACK 2E	Relay Name 1W-ASR	Serial Number L804645	Condition Left N
Relay Type (Drawing and/or Catalog Number) PN-150B (N322500-701 / 4A1)		Resistance (Ohms) 400	Contacts 6FB
Date Tested			
Shelf Name RACK 2E	Relay Name 1ASPR	Serial Number L793522	Condition Left N
Relay Type (Drawing and/or Catalog Number) PN-150B (N322500-701 / 4A1)		Resistance (Ohms) 400	Contacts 6FB
Date Tested			
Shelf Name RACK 2E	Relay Name 1TER	Serial Number L816896	Condition Left N
Relay Type (Drawing and/or Catalog Number) PN-150T (322523-308)		Resistance (Ohms)	Contacts 3F
Date Tested			
Shelf Name RACK 2D	Relay Name 1-WR	Serial Number L815449	Condition Left C
Relay Type (Drawing and/or Catalog Number) PP-151 (322516-001)		Resistance (Ohms) 240	Contacts 6NR
Date Tested	07/21/2008		
Polar Normal Pickup 0.0220 A DC	Polar Normal Working 0.0220 A DC	Polar Reverse Pickup 0.0248 A DC	Polar Reverse Working 0.0248 A DC
Shelf Name RACK 2D	Relay Name 1-OR	Serial Number L806579	Condition Left N
Relay Type (Drawing and/or Catalog Number) PN-150SO (322512-002)		Resistance (Ohms) 0.039	Contacts 1B-1C
Date Tested			
Shelf Name RACK 2D	Relay Name 1-WRPR	Serial Number L797150	Condition Left N
Relay Type (Drawing and/or Catalog Number) PN-150BM (322517-001)		Resistance (Ohms) 240	Contacts 2FMHD
Date Tested			
Shelf Name RACK 2D	Relay Name 1E-ASPR	Serial Number L796869	Condition Left N
Relay Type (Drawing and/or Catalog Number) PN-150B (N322500-701 / 4A1)		Resistance (Ohms) 400	Contacts 6FB
Date Tested			
Shelf Name RACK 2D	Relay Name 1NWCR	Serial Number L810747	Condition Left N
Relay Type (Drawing and/or Catalog Number) PN-250B (N322554-701 / 4A1)		Resistance (Ohms) 250 (500/500 parallel)	Contacts 6FB-6F-3B
Date Tested			
Shelf Name RACK 2D	Relay Name 1RWCR	Serial Number L803072	Condition Left N
Relay Type (Drawing and/or Catalog Number) PN-250B (N322554-701 / 4A1)		Resistance (Ohms) 250 (500/500 parallel)	Contacts 6FB-6F-3B
Date Tested			
Shelf Name RACK 1F	Relay Name 1E-HR	Serial Number L803266	Condition Left N
Relay Type (Drawing and/or Catalog Number) PN-150B (N322500-701 / 4A1)		Resistance (Ohms) 400	Contacts 6FB
Date Tested			
Shelf Name RACK 1F	Relay Name 1E-PCR	Serial Number L811679	Condition Left N
Relay Type (Drawing and/or Catalog Number) PN-150BSR (N322503-701 / 4A3)		Resistance (Ohms) 100	Contacts 6F-6B
Date Tested			
Shelf Name RACK 1F	Relay Name 1E-DR	Serial Number L793251	Condition Left N
Relay Type (Drawing and/or Catalog Number) PN-150B (N322500-701 / 4A1)		Resistance (Ohms) 400	Contacts 6FB
Date Tested			
Shelf Name RACK 1F	Relay Name 1E-FYR	Serial Number L793452	Condition Left N
Relay Type (Drawing and/or Catalog Number) PN-150B (N322500-701 / 4A1)		Resistance (Ohms) 400	Contacts 6FB
Date Tested			
Shelf Name RACK 1F	Relay Name 2EB-LOR	Serial Number L808944	Condition Left N
Relay Type (Drawing and/or Catalog Number) PN-150BL (322510-003)		Resistance (Ohms) 175	Contacts 3FB
Date Tested			
Shelf Name RACK 1F	Relay Name 1E-YYR	Serial Number L759455	Condition Left N
Relay Type (Drawing and/or Catalog Number) PN-150B (N322500-701 / 4A1)		Resistance (Ohms) 400	Contacts 6FB
Date Tested			
Shelf Name RACK 1F	Relay Name SMKR	Serial Number 2480908	Condition Left N
Relay Type (Drawing and/or Catalog Number) PN-150B (N322500-701 / 4A1)		Resistance (Ohms) 400	Contacts 6FB
Date Tested			



**Relay Tests (FRA 234.263, 236.106)**

Shelf Name RACK 1F	Relay Name EAR	Serial Number L796679	Condition Left N
Relay Type (Drawing and/or Catalog Number) PN-150B (N322500-701 / 4A1)		Resistance (Ohms) 400	Contacts 6FB
Date Tested			
Shelf Name RACK 1F	Relay Name WAR	Serial Number L934973	Condition Left N
Relay Type (Drawing and/or Catalog Number) PN-150B (N322500-701 / 4A1)		Resistance (Ohms) 400	Contacts 6FB
Date Tested			
Shelf Name RACK 1E	Relay Name 1W-YJR	Serial Number L829731	Condition Left N
Relay Type (Drawing and/or Catalog Number) PN-150B (N322500-701 / 4A1)		Resistance (Ohms) 400	Contacts 6FB
Date Tested			
Shelf Name RACK 1E	Relay Name 1W-DR	Serial Number 1980590	Condition Left N
Relay Type (Drawing and/or Catalog Number) PN-150B (N322500-701 / 4A1)		Resistance (Ohms) 400	Contacts 6FB
Date Tested			
Shelf Name RACK 1E	Relay Name 1W-FJR	Serial Number L793853	Condition Left N
Relay Type (Drawing and/or Catalog Number) PN-150B (N322500-701 / 4A1)		Resistance (Ohms) 400	Contacts 6FB
Date Tested			
Shelf Name RACK 1E	Relay Name 1EA-HGPR	Serial Number 2580202	Condition Left N
Relay Type (Drawing and/or Catalog Number) PN-150B (N322500-701 / 4A1)		Resistance (Ohms) 400	Contacts 6FB
Date Tested			
Shelf Name RACK 1E	Relay Name 1W-HR	Serial Number L793438	Condition Left N
Relay Type (Drawing and/or Catalog Number) PN-150B (N322500-701 / 4A1)		Resistance (Ohms) 400	Contacts 6FB
Date Tested			
Shelf Name RACK 1E	Relay Name 1W-PCR	Serial Number L811661	Condition Left N
Relay Type (Drawing and/or Catalog Number) PN-150BSR (N322503-701 / 4A3)		Resistance (Ohms) 100	Contacts 6F-6B
Date Tested			
Shelf Name RACK 1E	Relay Name 2W-NWPR	Serial Number L796961	Condition Left N
Relay Type (Drawing and/or Catalog Number) PN-150B (N322500-701 / 4A1)		Resistance (Ohms) 400	Contacts 6FB
Date Tested			
Shelf Name RACK 1E	Relay Name 1-EOR	Serial Number B1395302	Condition Left N
Relay Type (Drawing and/or Catalog Number) PN-150F (N322530-701)		Resistance (Ohms) 60	Contacts 6FB
Date Tested			
Shelf Name RACK 1D	Relay Name 1EA-HGR	Serial Number L803286	Condition Left N
Relay Type (Drawing and/or Catalog Number) PN-150B (N322500-701 / 4A1)		Resistance (Ohms) 400	Contacts 6FB
Date Tested			
Shelf Name RACK 1D	Relay Name 1EA-LOR	Serial Number L827406	Condition Left N
Relay Type (Drawing and/or Catalog Number) PN-150BL (322510-003)		Resistance (Ohms) 175	Contacts 3FB
Date Tested			
Shelf Name RACK 1D	Relay Name 1EB-HGPR	Serial Number L793523	Condition Left N
Relay Type (Drawing and/or Catalog Number) PN-150B (N322500-701 / 4A1)		Resistance (Ohms) 400	Contacts 6FB
Date Tested			
Shelf Name RACK 1D	Relay Name 1EB-HGR	Serial Number L793534	Condition Left N
Relay Type (Drawing and/or Catalog Number) PN-150B (N322500-701 / 4A1)		Resistance (Ohms) 400	Contacts 6FB
Date Tested			
Shelf Name RACK 1D	Relay Name 1EB-LOR	Serial Number L940894	Condition Left N
Relay Type (Drawing and/or Catalog Number) PN-150BL (322510-903)		Resistance (Ohms) 175	Contacts 3FB
Date Tested			
Shelf Name RACK 1D	Relay Name 1EC-LOR	Serial Number L808982	Condition Left N
Relay Type (Drawing and/or Catalog Number) PN-150BL (322510-003)		Resistance (Ohms) 175	Contacts 3FB
Date Tested			
Shelf Name RACK 1D	Relay Name 2E-YJR	Serial Number L765578	Condition Left N
Relay Type (Drawing and/or Catalog Number) PN-150B (N322500-701 / 4A1)		Resistance (Ohms) 400	Contacts 6FB
Date Tested			
Shelf Name RACK 1D	Relay Name 2E-PCR	Serial Number L582170	Condition Left N
Relay Type (Drawing and/or Catalog Number) PN-150BSR (N322503-701 / 4A3)		Resistance (Ohms) 100	Contacts 6F-6B
Date Tested			

**Relay Tests (FRA 234.263, 236.106)**

<b>Shelf Name</b> RACK 1D	<b>Relay Name</b> 2-EOR	<b>Serial Number</b> B1395318	<b>Condition Left</b> N
<b>Relay Type (Drawing and/or Catalog Number)</b> PN-150F (N322530-701)		<b>Resistance (Ohms)</b> 60	<b>Contacts</b> 6FB
<b>Date Tested</b>			
<b>Shelf Name</b> RACK 1C	<b>Relay Name</b> 1WA-HGR	<b>Serial Number</b> L802365	<b>Condition Left</b> N
<b>Relay Type (Drawing and/or Catalog Number)</b> PN-150B (N322500-701 / 4A1)		<b>Resistance (Ohms)</b> 400	<b>Contacts</b> 6FB
<b>Date Tested</b>			
<b>Shelf Name</b> RACK 1C	<b>Relay Name</b> 1WA-LOR	<b>Serial Number</b> L809029	<b>Condition Left</b> N
<b>Relay Type (Drawing and/or Catalog Number)</b> PN-150BL (322510-003)		<b>Resistance (Ohms)</b> 175	<b>Contacts</b> 3FB
<b>Date Tested</b>			
<b>Shelf Name</b> RACK 1C	<b>Relay Name</b> 1W-HGPR	<b>Serial Number</b> 2580256	<b>Condition Left</b> N
<b>Relay Type (Drawing and/or Catalog Number)</b> PN-150B (N322500-701 / 4A1)		<b>Resistance (Ohms)</b> 400	<b>Contacts</b> 6FB
<b>Date Tested</b>			
<b>Shelf Name</b> RACK 1C	<b>Relay Name</b> 1WB-HGR	<b>Serial Number</b> L840587	<b>Condition Left</b> N
<b>Relay Type (Drawing and/or Catalog Number)</b> PN-150B (N322500-701 / 4A1)		<b>Resistance (Ohms)</b> 400	<b>Contacts</b> 6FB
<b>Date Tested</b>			
<b>Shelf Name</b> RACK 1C	<b>Relay Name</b> 1WB-LOR	<b>Serial Number</b> L808928	<b>Condition Left</b> N
<b>Relay Type (Drawing and/or Catalog Number)</b> PN-150BL (322510-003)		<b>Resistance (Ohms)</b> 175	<b>Contacts</b> 3FB
<b>Date Tested</b>			
<b>Shelf Name</b> RACK 1C	<b>Relay Name</b> 2W-LOR	<b>Serial Number</b> L826673	<b>Condition Left</b> N
<b>Relay Type (Drawing and/or Catalog Number)</b> PN-150BL (322510-003)		<b>Resistance (Ohms)</b> 175	<b>Contacts</b> 3FB
<b>Date Tested</b>			
<b>Shelf Name</b> RACK 1C	<b>Relay Name</b> 2EA-LOR	<b>Serial Number</b> L808927	<b>Condition Left</b> N
<b>Relay Type (Drawing and/or Catalog Number)</b> PN-150BL (322510-003)		<b>Resistance (Ohms)</b> 175	<b>Contacts</b> 3FB
<b>Date Tested</b>			
<b>Shelf Name</b> RACK 1C	<b>Relay Name</b> 2E-DR	<b>Serial Number</b> 2580255	<b>Condition Left</b> N
<b>Relay Type (Drawing and/or Catalog Number)</b> PN-150B (N322500-701 / 4A1)		<b>Resistance (Ohms)</b> 400	<b>Contacts</b> 6FB
<b>Date Tested</b>			
<b>Shelf Name</b> RACK 1C	<b>Relay Name</b> 2W-SR	<b>Serial Number</b> L804655	<b>Condition Left</b> N
<b>Relay Type (Drawing and/or Catalog Number)</b> PN-150B (N322500-701 / 4A1)		<b>Resistance (Ohms)</b> 400	<b>Contacts</b> 6FB
<b>Date Tested</b>			
<b>Shelf Name</b> RACK 1C	<b>Relay Name</b> 2E-SR	<b>Serial Number</b> L803217	<b>Condition Left</b> N
<b>Relay Type (Drawing and/or Catalog Number)</b> PN-150B (N322500-701 / 4A1)		<b>Resistance (Ohms)</b> 400	<b>Contacts</b> 6FB
<b>Date Tested</b>			
<b>Shelf Name</b> RACK 1B	<b>Relay Name</b> 2E-TR	<b>Serial Number</b> L751635	<b>Condition Left</b> N
<b>Relay Type (Drawing and/or Catalog Number)</b> PN-150B (N322500-701 / 4A1)		<b>Resistance (Ohms)</b> 400	<b>Contacts</b> 6FB
<b>Date Tested</b>			
<b>Shelf Name</b> RACK 1B	<b>Relay Name</b> 2W-TR	<b>Serial Number</b> L957397	<b>Condition Left</b> N
<b>Relay Type (Drawing and/or Catalog Number)</b> PN-150B (N322500-701 / 4A1)		<b>Resistance (Ohms)</b> 400	<b>Contacts</b> 6FB
<b>Date Tested</b>			
<b>Shelf Name</b> RACK 1B	<b>Relay Name</b> 2E-HR	<b>Serial Number</b> L793467	<b>Condition Left</b> N
<b>Relay Type (Drawing and/or Catalog Number)</b> PN-150B (N322500-701 / 4A1)		<b>Resistance (Ohms)</b> 400	<b>Contacts</b> 6FB
<b>Date Tested</b>			
<b>Shelf Name</b> RACK 1B	<b>Relay Name</b> 2E-HPR	<b>Serial Number</b> L812811	<b>Condition Left</b> N
<b>Relay Type (Drawing and/or Catalog Number)</b> PN-150BSR (N322503-701 / 4A3)		<b>Resistance (Ohms)</b> 100	<b>Contacts</b> 6F-6B
<b>Date Tested</b>			
<b>Shelf Name</b> RACK 1B	<b>Relay Name</b> 2E-FYR	<b>Serial Number</b> L802385	<b>Condition Left</b> N
<b>Relay Type (Drawing and/or Catalog Number)</b> PN-150B (N322500-701 / 4A1)		<b>Resistance (Ohms)</b> 400	<b>Contacts</b> 6FB
<b>Date Tested</b>			
<b>Shelf Name</b> RACK 1B	<b>Relay Name</b> 2W-HR	<b>Serial Number</b> L824700	<b>Condition Left</b> N
<b>Relay Type (Drawing and/or Catalog Number)</b> PN-150B (N322500-701 / 4A1)		<b>Resistance (Ohms)</b> 400	<b>Contacts</b> 6FB
<b>Date Tested</b>			
<b>Shelf Name</b> RACK 1B	<b>Relay Name</b> 2W-HPR	<b>Serial Number</b> L811723	<b>Condition Left</b> N
<b>Relay Type (Drawing and/or Catalog Number)</b> PN-150BSR (N322503-701 / 4A3)		<b>Resistance (Ohms)</b> 100	<b>Contacts</b> 6F-6B
<b>Date Tested</b>			

**Relay Tests (FRA 234.263, 236.106)**

<b>Shelf Name</b> RACK 1B	<b>Relay Name</b> 2W-FYR	<b>Serial Number</b> L793238	<b>Condition Left</b> N	
<b>Relay Type (Drawing and/or Catalog Number)</b> PN-150B (N322500-701 / 4A1)		<b>Resistance (Ohms)</b> 400	<b>Contacts</b> 6FB	<b>Date Tested</b>
<b>Shelf Name</b> RACK 1B	<b>Relay Name</b> 2W-DR	<b>Serial Number</b> L793531	<b>Condition Left</b> N	
<b>Relay Type (Drawing and/or Catalog Number)</b> PN-150B (N322500-701 / 4A1)		<b>Resistance (Ohms)</b> 400	<b>Contacts</b> 6FB	<b>Date Tested</b>
<b>Shelf Name</b> RACK 1B	<b>Relay Name</b> 2W-PCR	<b>Serial Number</b> L811696	<b>Condition Left</b> N	
<b>Relay Type (Drawing and/or Catalog Number)</b> PN-150BSR (N322503-701 / 4A3)		<b>Resistance (Ohms)</b> 100	<b>Contacts</b> 6F-6B	<b>Date Tested</b>



# Inspection Report - Relay Tests & Inspections

<b>Division:</b> POWDER RIVER	<b>Asset ID:</b> BABL2KX
<b>Subdivision:</b> BUTTE	<b>Test Date:</b> 07/20/2010
<b>Milepost (with Line Segment):</b> 4 475.20 - 475.20	<b>State:</b> SD
<b>Location / Highway Name:</b> east edgemont	
<b>County:</b> FALL RIVER	
<b>Employee's Name:</b> Daryll Hays (dhays)	<b>PARS Number:</b> SINS0167

**Conditions Master Key**

- C = Test completed, condition left in compliance.
- R = Replacements made (identified in associated comments), test completed, and condition left in compliance.
- V = Visual inspection completed, condition left in compliance.
- NT = The equipment was not tested in this inspection.
- N = No inspection required. The given relay does not require inspection at this time.

Relay Tests (FRA 234.263, 236.106)				
Shelf Name RACK 2G	Relay Name 1E-BKR	Serial Number L803155	Condition Left C	
Relay Type (Drawing and/or Catalog Number) PN-150B (N322500-701 / 4A1)		Resistance (Ohms) 400	Contacts 6FB	Date Tested 07/20/2010
Neutral Dropaway 0.0065 A DC		Neutral Pickup 0.0105 A DC		Neutral Working 0.0113 A DC
Shelf Name RACK 2G	Relay Name 1E-TR	Serial Number L794445	Condition Left C	
Relay Type (Drawing and/or Catalog Number) PN-150B (N322500-701 / 4A1)		Resistance (Ohms) 400	Contacts 6FB	Date Tested 07/20/2010
Neutral Dropaway 0.0074 A DC		Neutral Pickup 0.0115 A DC		Neutral Working 0.0115 A DC
Shelf Name RACK 2G	Relay Name OSTR	Serial Number L789462	Condition Left C	
Relay Type (Drawing and/or Catalog Number) PN-150BTR (322501-702)		Resistance (Ohms) 4	Contacts 6F-6B	Date Tested 07/20/2010
Neutral Dropaway 0.0800 A DC		Neutral Pickup 0.1190 A DC		Neutral Working 0.1220 A DC
Shelf Name RACK 2G	Relay Name OSTP-THR	Serial Number L778687	Condition Left V	
Relay Type (Drawing and/or Catalog Number) PT-150 (322518-005)		Resistance (Ohms)	Contacts 1F-1CB	Date Tested 07/20/2010
Shelf Name RACK 2G	Relay Name OSTPR	Serial Number L803079	Condition Left C	
Relay Type (Drawing and/or Catalog Number) PN-250B (N322554-701 / 4A1)		Resistance (Ohms) 250 (500/500 parallel)	Contacts 6FB-6F-3B	Date Tested 07/20/2010
Neutral Dropaway 0.0095 A DC		Neutral Pickup 0.0150 A DC		Neutral Working 0.0165 A DC
Shelf Name RACK 2G	Relay Name OSTPPR	Serial Number L793461	Condition Left C	
Relay Type (Drawing and/or Catalog Number) PN-150B (N322500-701 / 4A1)		Resistance (Ohms) 400	Contacts 6FB	Date Tested 07/20/2010
Neutral Dropaway 0.0064 A DC		Neutral Pickup 0.0114 A DC		Neutral Working 0.0114 A DC
Shelf Name RACK 2G	Relay Name POR	Serial Number 1281980	Condition Left C	
Relay Type (Drawing and/or Catalog Number) PN-150P (322508-702-002)		Resistance (Ohms) 240	Contacts 4F-4BHD	Date Tested 07/20/2010
Neutral Dropaway 6.3000 V AC		Neutral Pickup 9.0000 V AC		Neutral Working 9.0000 V AC
Shelf Name RACK 2F	Relay Name 1W-BKR	Serial Number L793456	Condition Left C	
Relay Type (Drawing and/or Catalog Number) PN-150B (N322500-701 / 4A1)		Resistance (Ohms) 400	Contacts 6FB	Date Tested 07/20/2010
Neutral Dropaway 0.0065 A DC		Neutral Pickup 0.0110 A DC		Neutral Working 0.0115 A DC
Shelf Name RACK 2F	Relay Name P-TR	Serial Number L769753	Condition Left C	
Relay Type (Drawing and/or Catalog Number) PN-150BTR (322501-701)		Resistance (Ohms) 1	Contacts 6F-6B	Date Tested 07/20/2010
Neutral Dropaway 0.1500 A DC		Neutral Pickup 0.2300 A DC		Neutral Working 0.2300 A DC

**Relay Tests (FRA 234.263, 236.106)**

Shelf Name RACK 2F	Relay Name 1W-TR	Serial Number L753231	Condition Left C
Relay Type (Drawing and/or Catalog Number) PN-150B (N322500-701 / 4A1)		Resistance (Ohms) 400	Contacts 6FB
Neutral Dropaway 0.0063 A DC		Neutral Pickup 0.0105 A DC	Neutral Working 0.0105 A DC
Shelf Name RACK 2F	Relay Name OSA-TR	Serial Number L814380	Condition Left C
Relay Type (Drawing and/or Catalog Number) PN-150BTR (322501-702)		Resistance (Ohms) 4	Contacts 6F-6B
Neutral Dropaway 0.0880 A DC		Neutral Pickup 0.1270 A DC	Neutral Working 0.1270 A DC
Shelf Name RACK 2E	Relay Name 1LR	Serial Number L802432	Condition Left C
Relay Type (Drawing and/or Catalog Number) PN-150B (N322500-701 / 4A1)		Resistance (Ohms) 400	Contacts 6FB
Neutral Dropaway 0.0076 A DC		Neutral Pickup 0.0120 A DC	Neutral Working 0.0120 A DC
Shelf Name RACK 2E	Relay Name 1LSR	Serial Number L793457	Condition Left C
Relay Type (Drawing and/or Catalog Number) PN-150B (N322500-701 / 4A1)		Resistance (Ohms) 400	Contacts 6FB
Neutral Dropaway 0.0068 A DC		Neutral Pickup 0.0107 A DC	Neutral Working 0.0107 A DC
Shelf Name RACK 2E	Relay Name 1E-ASR	Serial Number L803289	Condition Left C
Relay Type (Drawing and/or Catalog Number) PN-150B (N322500-701 / 4A1)		Resistance (Ohms) 400	Contacts 6FB
Neutral Dropaway 0.0072 A DC		Neutral Pickup 0.0115 A DC	Neutral Working 0.0115 A DC
Shelf Name RACK 2E	Relay Name 1W-ASR	Serial Number L804645	Condition Left C
Relay Type (Drawing and/or Catalog Number) PN-150B (N322500-701 / 4A1)		Resistance (Ohms) 400	Contacts 6FB
Neutral Dropaway 0.0072 A DC		Neutral Pickup 0.0118 A DC	Neutral Working 0.0118 A DC
Shelf Name RACK 2E	Relay Name 1ASPR	Serial Number L793522	Condition Left C
Relay Type (Drawing and/or Catalog Number) PN-150B (N322500-701 / 4A1)		Resistance (Ohms) 400	Contacts 6FB
Neutral Dropaway 0.0073 A DC		Neutral Pickup 0.0118 A DC	Neutral Working 0.0118 A DC
Shelf Name RACK 2E	Relay Name 1TER	Serial Number L816896	Condition Left V
Relay Type (Drawing and/or Catalog Number) PN-150T (322523-308)		Resistance (Ohms)	Contacts 3F
Shelf Name RACK 2D	Relay Name 1-WR	Serial Number L815449	Condition Left C
Relay Type (Drawing and/or Catalog Number) PP-151 (322516-001)		Resistance (Ohms) 240	Contacts 6NR
Polar Normal Pickup 0.0248 A DC	Polar Normal Working 0.0248 A DC	Polar Reverse Pickup 0.0225 A DC	Polar Reverse Working 0.0225 A DC
Shelf Name RACK 2D	Relay Name 1-OR	Serial Number L806579	Condition Left V
Relay Type (Drawing and/or Catalog Number) PN-150SO (322512-002)		Resistance (Ohms) 0.039	Contacts 1B-1C
Shelf Name RACK 2D	Relay Name 1-WRPR	Serial Number L797150	Condition Left C
Relay Type (Drawing and/or Catalog Number) PN-150BM (322517-001)		Resistance (Ohms) 240	Contacts 2FMHD
Neutral Dropaway 0.0102 A DC		Neutral Pickup 0.0190 A DC	Neutral Working 0.0190 A DC
Shelf Name RACK 2D	Relay Name 1E-ASPR	Serial Number L796869	Condition Left C
Relay Type (Drawing and/or Catalog Number) PN-150B (N322500-701 / 4A1)		Resistance (Ohms) 400	Contacts 6FB
Neutral Dropaway 0.0069 A DC		Neutral Pickup 0.0114 A DC	Neutral Working 0.0114 A DC
Shelf Name RACK 2D	Relay Name 1NWCR	Serial Number L810747	Condition Left C
Relay Type (Drawing and/or Catalog Number) PN-250B (N322554-701 / 4A1)		Resistance (Ohms) 250 (500/500 parallel)	Contacts 6FB-6F-3B
Neutral Dropaway 0.0082 A DC		Neutral Pickup 0.0150 A DC	Neutral Working 0.0150 A DC

**Relay Tests (FRA 234.263, 236.106)**

Shelf Name RACK 2D	Relay Name 1RWCR	Serial Number L803072	Condition Left C
Relay Type (Drawing and/or Catalog Number) PN-250B (N322554-701 / 4A1)		Resistance (Ohms) 250 (500/500 parallel)	Contacts 6FB-6F-3B
Neutral Dropaway 0.0090 A DC		Neutral Pickup 0.0150 A DC	Neutral Working 0.0170 A DC
Shelf Name RACK 1F	Relay Name 1E-HR	Serial Number L803266	Condition Left C
Relay Type (Drawing and/or Catalog Number) PN-150B (N322500-701 / 4A1)		Resistance (Ohms) 400	Contacts 6FB
Neutral Dropaway 0.0076 A DC		Neutral Pickup 0.0124 A DC	Neutral Working 0.0124 A DC
Shelf Name RACK 1F	Relay Name 1E-PCR	Serial Number L811679	Condition Left C
Relay Type (Drawing and/or Catalog Number) PN-150BSR (N322503-701 / 4A3)		Resistance (Ohms) 100	Contacts 6F-6B
Neutral Dropaway 0.0132 A DC		Neutral Pickup 0.0310 A DC	Neutral Working 0.0310 A DC
Shelf Name RACK 1F	Relay Name 1E-DR	Serial Number L793251	Condition Left C
Relay Type (Drawing and/or Catalog Number) PN-150B (N322500-701 / 4A1)		Resistance (Ohms) 400	Contacts 6FB
Neutral Dropaway 0.0072 A DC		Neutral Pickup 0.0113 A DC	Neutral Working 0.0113 A DC
Shelf Name RACK 1F	Relay Name 1E-FYR	Serial Number L793452	Condition Left C
Relay Type (Drawing and/or Catalog Number) PN-150B (N322500-701 / 4A1)		Resistance (Ohms) 400	Contacts 6FB
Neutral Dropaway 0.0074 A DC		Neutral Pickup 0.0118 A DC	Neutral Working 0.0118 A DC
Shelf Name RACK 1F	Relay Name 2EB-LOR	Serial Number L808944	Condition Left C
Relay Type (Drawing and/or Catalog Number) PN-150BL (322510-003)		Resistance (Ohms) 175	Contacts 3FB
Neutral Dropaway 0.0132 A DC		Neutral Pickup 0.0325 A DC	Neutral Working 0.0325 A DC
Shelf Name RACK 1F	Relay Name 1E-YYR	Serial Number L759455	Condition Left C
Relay Type (Drawing and/or Catalog Number) PN-150B (N322500-701 / 4A1)		Resistance (Ohms) 400	Contacts 6FB
Neutral Dropaway 0.0064 A DC		Neutral Pickup 0.0105 A DC	Neutral Working 0.0105 A DC
Shelf Name RACK 1F	Relay Name SMKR	Serial Number 2480908	Condition Left C
Relay Type (Drawing and/or Catalog Number) PN-150B (N322500-701 / 4A1)		Resistance (Ohms) 400	Contacts 6FB
Neutral Dropaway 0.0066 A DC		Neutral Pickup 0.0114 A DC	Neutral Working 0.0114 A DC
Shelf Name RACK 1F	Relay Name EAR	Serial Number L796679	Condition Left C
Relay Type (Drawing and/or Catalog Number) PN-150B (N322500-701 / 4A1)		Resistance (Ohms) 400	Contacts 6FB
Neutral Dropaway 0.0068 A DC		Neutral Pickup 0.0114 A DC	Neutral Working 0.0114 A DC
Shelf Name RACK 1F	Relay Name WAR	Serial Number L934973	Condition Left C
Relay Type (Drawing and/or Catalog Number) PN-150B (N322500-701 / 4A1)		Resistance (Ohms) 400	Contacts 6FB
Neutral Dropaway 0.0062 A DC		Neutral Pickup 0.0111 A DC	Neutral Working 0.0111 A DC
Shelf Name RACK 1E	Relay Name 1W-YYR	Serial Number L829731	Condition Left C
Relay Type (Drawing and/or Catalog Number) PN-150B (N322500-701 / 4A1)		Resistance (Ohms) 400	Contacts 6FB
Neutral Dropaway 0.0068 A DC		Neutral Pickup 0.0114 A DC	Neutral Working 0.0120 A DC
Shelf Name RACK 1E	Relay Name 1W-DR	Serial Number 1980590	Condition Left C
Relay Type (Drawing and/or Catalog Number) PN-150B (N322500-701 / 4A1)		Resistance (Ohms) 400	Contacts 6FB
Neutral Dropaway 0.0066 A DC		Neutral Pickup 0.0113 A DC	Neutral Working 0.0113 A DC

**Relay Tests (FRA 234.263, 236.106)**

Shelf Name RACK 1E	Relay Name 1W-FYR	Serial Number L793853	Condition Left C
Relay Type (Drawing and/or Catalog Number) PN-150B (N322500-701 / 4A1)		Resistance (Ohms) 400	Contacts 6FB
Neutral Dropaway 0.0072 A DC		Neutral Pickup 0.0115 A DC	Neutral Working 0.0115 A DC
Shelf Name RACK 1E	Relay Name 1EA-HGPR	Serial Number 2580202	Condition Left C
Relay Type (Drawing and/or Catalog Number) PN-150B (N322500-701 / 4A1)		Resistance (Ohms) 400	Contacts 6FB
Neutral Dropaway 0.0065 A DC		Neutral Pickup 0.0112 A DC	Neutral Working 0.0120 A DC
Shelf Name RACK 1E	Relay Name 1W-HR	Serial Number L793438	Condition Left C
Relay Type (Drawing and/or Catalog Number) PN-150B (N322500-701 / 4A1)		Resistance (Ohms) 400	Contacts 6FB
Neutral Dropaway 0.0071 A DC		Neutral Pickup 0.0116 A DC	Neutral Working 0.0120 A DC
Shelf Name RACK 1E	Relay Name 1W-PCR	Serial Number L811661	Condition Left C
Relay Type (Drawing and/or Catalog Number) PN-150BSR (N322503-701 / 4A3)		Resistance (Ohms) 100	Contacts 6F-6B
Neutral Dropaway 0.0124 A DC		Neutral Pickup 0.0300 A DC	Neutral Working 0.0300 A DC
Shelf Name RACK 1E	Relay Name 2W-NWPR	Serial Number L796961	Condition Left C
Relay Type (Drawing and/or Catalog Number) PN-150B (N322500-701 / 4A1)		Resistance (Ohms) 400	Contacts 6FB
Neutral Dropaway 0.0074 A DC		Neutral Pickup 0.0117 A DC	Neutral Working 0.0117 A DC
Shelf Name RACK 1E	Relay Name 1-EOR	Serial Number B1395302	Condition Left C
Relay Type (Drawing and/or Catalog Number) PN-150F (N322530-701)		Resistance (Ohms) 60	Contacts 6FB
Neutral Dropaway 0.0300 A DC		Neutral Pickup 0.0480 A DC	Neutral Working 0.0480 A DC
Shelf Name RACK 1D	Relay Name 1EA-HGR	Serial Number L803286	Condition Left C
Relay Type (Drawing and/or Catalog Number) PN-150B (N322500-701 / 4A1)		Resistance (Ohms) 400	Contacts 6FB
Neutral Dropaway 0.0074 A DC		Neutral Pickup 0.0120 A DC	Neutral Working 0.0120 A DC
Shelf Name RACK 1D	Relay Name 1EA-LOR	Serial Number L827406	Condition Left C
Relay Type (Drawing and/or Catalog Number) PN-150BL (322510-003)		Resistance (Ohms) 175	Contacts 3FB
Neutral Dropaway 0.0160 A DC		Neutral Pickup 0.0355 A DC	Neutral Working 0.0355 A DC
Shelf Name RACK 1D	Relay Name 1EB-HGPR	Serial Number L793523	Condition Left C
Relay Type (Drawing and/or Catalog Number) PN-150B (N322500-701 / 4A1)		Resistance (Ohms) 400	Contacts 6FB
Neutral Dropaway 0.0069 A DC		Neutral Pickup 0.0114 A DC	Neutral Working 0.0114 A DC
Shelf Name RACK 1D	Relay Name 1EB-HGR	Serial Number L793534	Condition Left C
Relay Type (Drawing and/or Catalog Number) PN-150B (N322500-701 / 4A1)		Resistance (Ohms) 400	Contacts 6FB
Neutral Dropaway 0.0070 A DC		Neutral Pickup 0.0114 A DC	Neutral Working 0.0114 A DC
Shelf Name RACK 1D	Relay Name 1EB-LOR	Serial Number L940894	Condition Left C
Relay Type (Drawing and/or Catalog Number) PN-150BL (322510-903)		Resistance (Ohms) 175	Contacts 3FB
Neutral Dropaway 0.0142 A DC		Neutral Pickup 0.0310 A DC	Neutral Working 0.0310 A DC
Shelf Name RACK 1D	Relay Name 1EC-LOR	Serial Number L808982	Condition Left C
Relay Type (Drawing and/or Catalog Number) PN-150BL (322510-003)		Resistance (Ohms) 175	Contacts 3FB
Neutral Dropaway 0.0165 A DC		Neutral Pickup 0.0380 A DC	Neutral Working 0.0380 A DC

**Relay Tests (FRA 234.263, 236.106)**

Shelf Name RACK 1D	Relay Name 2E-YYR	Serial Number L765578	Condition Left C
Relay Type (Drawing and/or Catalog Number) PN-150B (N322500-701 / 4A1)		Resistance (Ohms) 400	Contacts 6FB
Neutral Dropaway 0.0071 A DC		Neutral Pickup 0.0115 A DC	Neutral Working 0.0121 A DC
Shelf Name RACK 1D	Relay Name 2E-PCR	Serial Number L582170	Condition Left C
Relay Type (Drawing and/or Catalog Number) PN-150BSR (N322503-701 / 4A3)		Resistance (Ohms) 100	Contacts 6F-6B
Neutral Dropaway 0.0123 A DC		Neutral Pickup 0.0300 A DC	Neutral Working 0.0300 A DC
Shelf Name RACK 1D	Relay Name 2-EOR	Serial Number B1395318	Condition Left C
Relay Type (Drawing and/or Catalog Number) PN-150F (N322530-701)		Resistance (Ohms) 60	Contacts 6FB
Neutral Dropaway 0.0300 A DC		Neutral Pickup 0.0520 A DC	Neutral Working 0.0520 A DC
Shelf Name RACK 1C	Relay Name 1WA-HGR	Serial Number L802365	Condition Left C
Relay Type (Drawing and/or Catalog Number) PN-150B (N322500-701 / 4A1)		Resistance (Ohms) 400	Contacts 6FB
Neutral Dropaway 0.0075 A DC		Neutral Pickup 0.0120 A DC	Neutral Working 0.0120 A DC
Shelf Name RACK 1C	Relay Name 1WA-LOR	Serial Number L809029	Condition Left C
Relay Type (Drawing and/or Catalog Number) PN-150BL (322510-003)		Resistance (Ohms) 175	Contacts 3FB
Neutral Dropaway 0.0140 A DC		Neutral Pickup 0.0320 A DC	Neutral Working 0.0320 A DC
Shelf Name RACK 1C	Relay Name 1W-HGPR	Serial Number 2580256	Condition Left C
Relay Type (Drawing and/or Catalog Number) PN-150B (N322500-701 / 4A1)		Resistance (Ohms) 400	Contacts 6FB
Neutral Dropaway 0.0073 A DC		Neutral Pickup 0.0115 A DC	Neutral Working 0.0118 A DC
Shelf Name RACK 1C	Relay Name 1WB-HGR	Serial Number L840587	Condition Left C
Relay Type (Drawing and/or Catalog Number) PN-150B (N322500-701 / 4A1)		Resistance (Ohms) 400	Contacts 6FB
Neutral Dropaway 0.0076 A DC		Neutral Pickup 0.0124 A DC	Neutral Working 0.0124 A DC
Shelf Name RACK 1C	Relay Name 1WB-LOR	Serial Number L808928	Condition Left C
Relay Type (Drawing and/or Catalog Number) PN-150BL (322510-003)		Resistance (Ohms) 175	Contacts 3FB
Neutral Dropaway 0.0130 A DC		Neutral Pickup 0.0330 A DC	Neutral Working 0.0330 A DC
Shelf Name RACK 1C	Relay Name 2W-LOR	Serial Number L826673	Condition Left C
Relay Type (Drawing and/or Catalog Number) PN-150BL (322510-003)		Resistance (Ohms) 175	Contacts 3FB
Neutral Dropaway 0.0140 A DC		Neutral Pickup 0.0340 A DC	Neutral Working 0.0340 A DC
Shelf Name RACK 1C	Relay Name 2EA-LOR	Serial Number L808927	Condition Left C
Relay Type (Drawing and/or Catalog Number) PN-150BL (322510-003)		Resistance (Ohms) 175	Contacts 3FB
Neutral Dropaway 0.0140 A DC		Neutral Pickup 0.0320 A DC	Neutral Working 0.0320 A DC
Shelf Name RACK 1C	Relay Name 2E-DR	Serial Number 2580255	Condition Left C
Relay Type (Drawing and/or Catalog Number) PN-150B (N322500-701 / 4A1)		Resistance (Ohms) 400	Contacts 6FB
Neutral Dropaway 0.0065 A DC		Neutral Pickup 0.0114 A DC	Neutral Working 0.0124 A DC
Shelf Name RACK 1C	Relay Name 2W-SR	Serial Number L804655	Condition Left C
Relay Type (Drawing and/or Catalog Number) PN-150B (N322500-701 / 4A1)		Resistance (Ohms) 400	Contacts 6FB
Neutral Dropaway 0.0064 A DC		Neutral Pickup 0.0110 A DC	Neutral Working 0.0120 A DC



**Relay Tests (FRA 234.263, 236.106)**

<b>Shelf Name</b> RACK 1C	<b>Relay Name</b> 2E-SR	<b>Serial Number</b> L803217	<b>Condition Left</b> C
<b>Relay Type (Drawing and/or Catalog Number)</b> PN-150B (N322500-701 / 4A1)		<b>Resistance (Ohms)</b> 400	<b>Contacts</b> 6FB
<b>Neutral Dropaway</b> 0.0065 A DC		<b>Neutral Working</b> 0.0112 A DC	
<b>Shelf Name</b> RACK 1B	<b>Relay Name</b> 2E-TR	<b>Serial Number</b> L751635	<b>Condition Left</b> C
<b>Relay Type (Drawing and/or Catalog Number)</b> PN-150B (N322500-701 / 4A1)		<b>Resistance (Ohms)</b> 400	<b>Contacts</b> 6FB
<b>Neutral Dropaway</b> 0.0068 A DC		<b>Neutral Working</b> 0.0114 A DC	
<b>Shelf Name</b> RACK 1B	<b>Relay Name</b> 2W-TR	<b>Serial Number</b> L957397	<b>Condition Left</b> C
<b>Relay Type (Drawing and/or Catalog Number)</b> PN-150B (N322500-701 / 4A1)		<b>Resistance (Ohms)</b> 400	<b>Contacts</b> 6FB
<b>Neutral Dropaway</b> 0.0064 A DC		<b>Neutral Working</b> 0.0111 A DC	
<b>Shelf Name</b> RACK 1B	<b>Relay Name</b> 2E-HR	<b>Serial Number</b> L793467	<b>Condition Left</b> C
<b>Relay Type (Drawing and/or Catalog Number)</b> PN-150B (N322500-701 / 4A1)		<b>Resistance (Ohms)</b> 400	<b>Contacts</b> 6FB
<b>Neutral Dropaway</b> 0.0068 A DC		<b>Neutral Working</b> 0.0118 A DC	
<b>Shelf Name</b> RACK 1B	<b>Relay Name</b> 2E-HPR	<b>Serial Number</b> L812811	<b>Condition Left</b> C
<b>Relay Type (Drawing and/or Catalog Number)</b> PN-150BSR (N322503-701 / 4A3)		<b>Resistance (Ohms)</b> 100	<b>Contacts</b> 6F-6B
<b>Neutral Dropaway</b> 0.0120 A DC		<b>Neutral Working</b> 0.0330 A DC	
<b>Shelf Name</b> RACK 1B	<b>Relay Name</b> 2E-FYR	<b>Serial Number</b> L802385	<b>Condition Left</b> C
<b>Relay Type (Drawing and/or Catalog Number)</b> PN-150B (N322500-701 / 4A1)		<b>Resistance (Ohms)</b> 400	<b>Contacts</b> 6FB
<b>Neutral Dropaway</b> 0.0068 A DC		<b>Neutral Working</b> 0.0115 A DC	
<b>Shelf Name</b> RACK 1B	<b>Relay Name</b> 2W-HR	<b>Serial Number</b> L824700	<b>Condition Left</b> C
<b>Relay Type (Drawing and/or Catalog Number)</b> PN-150B (N322500-701 / 4A1)		<b>Resistance (Ohms)</b> 400	<b>Contacts</b> 6FB
<b>Neutral Dropaway</b> 0.0064 A DC		<b>Neutral Working</b> 0.0112 A DC	
<b>Shelf Name</b> RACK 1B	<b>Relay Name</b> 2W-HPR	<b>Serial Number</b> L811723	<b>Condition Left</b> C
<b>Relay Type (Drawing and/or Catalog Number)</b> PN-150BSR (N322503-701 / 4A3)		<b>Resistance (Ohms)</b> 100	<b>Contacts</b> 6F-6B
<b>Neutral Dropaway</b> 0.0120 A DC		<b>Neutral Working</b> 0.0310 A DC	
<b>Shelf Name</b> RACK 1B	<b>Relay Name</b> 2W-FYR	<b>Serial Number</b> L793238	<b>Condition Left</b> C
<b>Relay Type (Drawing and/or Catalog Number)</b> PN-150B (N322500-701 / 4A1)		<b>Resistance (Ohms)</b> 400	<b>Contacts</b> 6FB
<b>Neutral Dropaway</b> 0.0077 A DC		<b>Neutral Working</b> 0.0124 A DC	
<b>Shelf Name</b> RACK 1B	<b>Relay Name</b> 2W-DR	<b>Serial Number</b> L793531	<b>Condition Left</b> C
<b>Relay Type (Drawing and/or Catalog Number)</b> PN-150B (N322500-701 / 4A1)		<b>Resistance (Ohms)</b> 400	<b>Contacts</b> 6FB
<b>Neutral Dropaway</b> 0.0073 A DC		<b>Neutral Working</b> 0.0117 A DC	
<b>Shelf Name</b> RACK 1B	<b>Relay Name</b> 2W-PCR	<b>Serial Number</b> L811696	<b>Condition Left</b> C
<b>Relay Type (Drawing and/or Catalog Number)</b> PN-150BSR (N322503-701 / 4A3)		<b>Resistance (Ohms)</b> 100	<b>Contacts</b> 6F-6B
<b>Neutral Dropaway</b> 0.0124 A DC		<b>Neutral Working</b> 0.0310 A DC	



# Inspection Report - Relay Tests & Inspections

<b>Division:</b> POWDER RIVER	<b>Asset ID:</b> BABL2KX
<b>Subdivision:</b> BUTTE	<b>Test Date:</b> 08/25/2011
<b>Milepost (with Line Segment):</b> 4 475.20 - 475.20	<b>State:</b> SD
<b>Location / Highway Name:</b> east edgemont	
<b>County:</b> FALL RIVER	
<b>Employee's Name:</b> Daryll Hays (dhays)	<b>PARS Number:</b> SINS0167

**Conditions Master Key**

- C = Test completed, condition left in compliance.
- R = Replacements made (identified in associated comments), test completed, and condition left in compliance.
- V = Visual inspection completed, condition left in compliance.
- NT = The equipment was not tested in this inspection.
- N = No inspection required. The given relay does not require inspection at this time.

Relay Tests (FRA 234.263, 236.106)			
Shelf Name RACK 2G	Relay Name 1E-BKR	Serial Number L803155	Condition Left NT
Relay Type (Drawing and/or Catalog Number) PN-150B (N322500-701 / 4A1)		Resistance (Ohms) 400	Contacts 6FB
Date Tested Not Tested			
Shelf Name RACK 2G	Relay Name 1E-TR	Serial Number L794445	Condition Left NT
Relay Type (Drawing and/or Catalog Number) PN-150B (N322500-701 / 4A1)		Resistance (Ohms) 400	Contacts 6FB
Date Tested Not Tested			
Shelf Name RACK 2G	Relay Name OSTR	Serial Number L789462	Condition Left NT
Relay Type (Drawing and/or Catalog Number) PN-150BTR (322501-702)		Resistance (Ohms) 4	Contacts 6F-6B
Date Tested Not Tested			
Shelf Name RACK 2G	Relay Name OSTP-THR	Serial Number L778687	Condition Left NT
Relay Type (Drawing and/or Catalog Number) PT-150 (322518-005)		Resistance (Ohms)	Contacts 1F-1CB
Date Tested Not Tested			
Shelf Name RACK 2G	Relay Name OSTPR	Serial Number L803079	Condition Left NT
Relay Type (Drawing and/or Catalog Number) PN-250B (N322554-701 / 4A1)		Resistance (Ohms) 250 (500/500 parallel)	Contacts 6FB-6F-3B
Date Tested Not Tested			
Shelf Name RACK 2G	Relay Name OSTPPR	Serial Number L793461	Condition Left NT
Relay Type (Drawing and/or Catalog Number) PN-150B (N322500-701 / 4A1)		Resistance (Ohms) 400	Contacts 6FB
Date Tested Not Tested			
Shelf Name RACK 2G	Relay Name POR	Serial Number 1281980	Condition Left NT
Relay Type (Drawing and/or Catalog Number) PN-150P (322508-702-002)		Resistance (Ohms) 240	Contacts 4F-4BHD
Date Tested Not Tested			
Shelf Name RACK 2F	Relay Name 1W-BKR	Serial Number L793456	Condition Left NT
Relay Type (Drawing and/or Catalog Number) PN-150B (N322500-701 / 4A1)		Resistance (Ohms) 400	Contacts 6FB
Date Tested Not Tested			
Shelf Name RACK 2F	Relay Name P-TR	Serial Number L769753	Condition Left NT
Relay Type (Drawing and/or Catalog Number) PN-150BTR (322501-701)		Resistance (Ohms) 1	Contacts 6F-6B
Date Tested Not Tested			
Shelf Name RACK 2F	Relay Name 1W-TR	Serial Number L753231	Condition Left NT
Relay Type (Drawing and/or Catalog Number) PN-150B (N322500-701 / 4A1)		Resistance (Ohms) 400	Contacts 6FB
Date Tested Not Tested			
Shelf Name RACK 2F	Relay Name OSA-TR	Serial Number L814380	Condition Left NT
Relay Type (Drawing and/or Catalog Number) PN-150BTR (322501-702)		Resistance (Ohms) 4	Contacts 6F-6B
Date Tested Not Tested			
Shelf Name RACK 2E	Relay Name 1LR	Serial Number L802432	Condition Left NT
Relay Type (Drawing and/or Catalog Number) PN-150B (N322500-701 / 4A1)		Resistance (Ohms) 400	Contacts 6FB
Date Tested Not Tested			
Shelf Name RACK 2E	Relay Name 1LSR	Serial Number L793457	Condition Left NT
Relay Type (Drawing and/or Catalog Number) PN-150B (N322500-701 / 4A1)		Resistance (Ohms) 400	Contacts 6FB
Date Tested Not Tested			

**Relay Tests (FRA 234.263, 236.106)**

Shelf Name RACK 2E	Relay Name 1E-ASR	Serial Number L803289	Condition Left NT
Relay Type (Drawing and/or Catalog Number) PN-150B (N322500-701 / 4A1)		Resistance (Ohms) 400	Contacts 6FB
Date Tested Not Tested			
Shelf Name RACK 2E	Relay Name 1W-ASR	Serial Number L804645	Condition Left NT
Relay Type (Drawing and/or Catalog Number) PN-150B (N322500-701 / 4A1)		Resistance (Ohms) 400	Contacts 6FB
Date Tested Not Tested			
Shelf Name RACK 2E	Relay Name 1ASPR	Serial Number L793522	Condition Left NT
Relay Type (Drawing and/or Catalog Number) PN-150B (N322500-701 / 4A1)		Resistance (Ohms) 400	Contacts 6FB
Date Tested Not Tested			
Shelf Name RACK 2E	Relay Name 1TER	Serial Number L816896	Condition Left NT
Relay Type (Drawing and/or Catalog Number) PN-150T (322523-308)		Resistance (Ohms)	Contacts 3F
Date Tested Not Tested			
Shelf Name RACK 2D	Relay Name 1-WR	Serial Number L815449	Condition Left NT
Relay Type (Drawing and/or Catalog Number) PP-151 (322516-001)		Resistance (Ohms) 240	Contacts 6NR
Date Tested Not Tested			
Shelf Name RACK 2D	Relay Name 1-OR	Serial Number L806579	Condition Left NT
Relay Type (Drawing and/or Catalog Number) PN-150SO (322512-002)		Resistance (Ohms) 0.039	Contacts 1B-1C
Date Tested Not Tested			
Shelf Name RACK 2D	Relay Name 1-WRPR	Serial Number L797150	Condition Left NT
Relay Type (Drawing and/or Catalog Number) PN-150BM (322517-001)		Resistance (Ohms) 240	Contacts 2FMHD
Date Tested Not Tested			
Shelf Name RACK 2D	Relay Name 1E-ASPR	Serial Number L796869	Condition Left NT
Relay Type (Drawing and/or Catalog Number) PN-150B (N322500-701 / 4A1)		Resistance (Ohms) 400	Contacts 6FB
Date Tested Not Tested			
Shelf Name RACK 2D	Relay Name 1NWCR	Serial Number L810747	Condition Left NT
Relay Type (Drawing and/or Catalog Number) PN-250B (N322554-701 / 4A1)		Resistance (Ohms) 250 (500/500 parallel)	Contacts 6FB-6F-3B
Date Tested Not Tested			
Shelf Name RACK 2D	Relay Name 1RWCR	Serial Number L803072	Condition Left NT
Relay Type (Drawing and/or Catalog Number) PN-250B (N322554-701 / 4A1)		Resistance (Ohms) 250 (500/500 parallel)	Contacts 6FB-6F-3B
Date Tested Not Tested			
Shelf Name RACK 1F	Relay Name 1E-HR	Serial Number L803266	Condition Left NT
Relay Type (Drawing and/or Catalog Number) PN-150B (N322500-701 / 4A1)		Resistance (Ohms) 400	Contacts 6FB
Date Tested Not Tested			
Shelf Name RACK 1F	Relay Name 1E-PCR	Serial Number L811679	Condition Left NT
Relay Type (Drawing and/or Catalog Number) PN-150BSR (N322503-701 / 4A3)		Resistance (Ohms) 100	Contacts 6F-6B
Date Tested Not Tested			
Shelf Name RACK 1F	Relay Name 1E-DR	Serial Number L793251	Condition Left NT
Relay Type (Drawing and/or Catalog Number) PN-150B (N322500-701 / 4A1)		Resistance (Ohms) 400	Contacts 6FB
Date Tested Not Tested			
Shelf Name RACK 1F	Relay Name 1E-FYR	Serial Number L793452	Condition Left NT
Relay Type (Drawing and/or Catalog Number) PN-150B (N322500-701 / 4A1)		Resistance (Ohms) 400	Contacts 6FB
Date Tested Not Tested			
Shelf Name RACK 1F	Relay Name SMKR	Serial Number 2480908	Condition Left NT
Relay Type (Drawing and/or Catalog Number) PN-150B (N322500-701 / 4A1)		Resistance (Ohms) 400	Contacts 6FB
Date Tested Not Tested			
Shelf Name RACK 1F	Relay Name EAR	Serial Number L796679	Condition Left NT
Relay Type (Drawing and/or Catalog Number) PN-150B (N322500-701 / 4A1)		Resistance (Ohms) 400	Contacts 6FB
Date Tested Not Tested			
Shelf Name RACK 1F	Relay Name WAR	Serial Number L934973	Condition Left NT
Relay Type (Drawing and/or Catalog Number) PN-150B (N322500-701 / 4A1)		Resistance (Ohms) 400	Contacts 6FB
Date Tested Not Tested			
Shelf Name RACK 1E	Relay Name 1W-DR	Serial Number 1980590	Condition Left NT
Relay Type (Drawing and/or Catalog Number) PN-150B (N322500-701 / 4A1)		Resistance (Ohms) 400	Contacts 6FB
Date Tested Not Tested			

**Relay Tests (FRA 234.263, 236.106)**

<b>Shelf Name</b> RACK 1E	<b>Relay Name</b> 1W-FYR	<b>Serial Number</b> L924803	<b>Condition Left</b> R Mtr. Schoepf replaced relay due to high resistant contacts. Performed operational tests, no exceptions. Old Serial Number: L793853
<b>Relay Type (Drawing and/or Catalog Number)</b> PN-150B (N322500-701 / 4A1)		<b>Resistance (Ohms)</b> 400	<b>Contacts</b> 6FB <b>Date Tested</b> 08/25/2011
<b>Neutral Dropaway</b> 0.0067 A DC		<b>Neutral Pickup</b> 0.0114 A DC	<b>Neutral Working</b> 0.0114 A DC
<b>Shelf Name</b> RACK 1E	<b>Relay Name</b> 1EA-HGPR	<b>Serial Number</b> 2580202	<b>Condition Left</b> NT
<b>Relay Type (Drawing and/or Catalog Number)</b> PN-150B (N322500-701 / 4A1)		<b>Resistance (Ohms)</b> 400	<b>Contacts</b> 6FB <b>Date Tested</b> Not Tested
<b>Shelf Name</b> RACK 1E	<b>Relay Name</b> 1W-HR	<b>Serial Number</b> L793438	<b>Condition Left</b> NT
<b>Relay Type (Drawing and/or Catalog Number)</b> PN-150B (N322500-701 / 4A1)		<b>Resistance (Ohms)</b> 400	<b>Contacts</b> 6FB <b>Date Tested</b> Not Tested
<b>Shelf Name</b> RACK 1E	<b>Relay Name</b> 1W-PCR	<b>Serial Number</b> L811661	<b>Condition Left</b> NT
<b>Relay Type (Drawing and/or Catalog Number)</b> PN-150BSR (N322503-701 / 4A3)		<b>Resistance (Ohms)</b> 100	<b>Contacts</b> 6F-6B <b>Date Tested</b> Not Tested
<b>Shelf Name</b> RACK 1E	<b>Relay Name</b> 2W-NWPR	<b>Serial Number</b> L796961	<b>Condition Left</b> NT
<b>Relay Type (Drawing and/or Catalog Number)</b> PN-150B (N322500-701 / 4A1)		<b>Resistance (Ohms)</b> 400	<b>Contacts</b> 6FB <b>Date Tested</b> Not Tested
<b>Shelf Name</b> RACK 1E	<b>Relay Name</b> 1-EOR	<b>Serial Number</b> B1395302	<b>Condition Left</b> NT
<b>Relay Type (Drawing and/or Catalog Number)</b> PN-150F (N322530-701)		<b>Resistance (Ohms)</b> 60	<b>Contacts</b> 6FB <b>Date Tested</b> Not Tested
<b>Shelf Name</b> RACK 1D	<b>Relay Name</b> 1EA-HGR	<b>Serial Number</b> L803286	<b>Condition Left</b> NT
<b>Relay Type (Drawing and/or Catalog Number)</b> PN-150B (N322500-701 / 4A1)		<b>Resistance (Ohms)</b> 400	<b>Contacts</b> 6FB <b>Date Tested</b> Not Tested
<b>Shelf Name</b> RACK 1D	<b>Relay Name</b> 1EA-LOR	<b>Serial Number</b> L827406	<b>Condition Left</b> NT
<b>Relay Type (Drawing and/or Catalog Number)</b> PN-150BL (322510-003)		<b>Resistance (Ohms)</b> 175	<b>Contacts</b> 3FB <b>Date Tested</b> Not Tested
<b>Shelf Name</b> RACK 1D	<b>Relay Name</b> 1EB-HGPR	<b>Serial Number</b> L793523	<b>Condition Left</b> NT
<b>Relay Type (Drawing and/or Catalog Number)</b> PN-150B (N322500-701 / 4A1)		<b>Resistance (Ohms)</b> 400	<b>Contacts</b> 6FB <b>Date Tested</b> Not Tested
<b>Shelf Name</b> RACK 1D	<b>Relay Name</b> 1EB-HGR	<b>Serial Number</b> L793534	<b>Condition Left</b> NT
<b>Relay Type (Drawing and/or Catalog Number)</b> PN-150B (N322500-701 / 4A1)		<b>Resistance (Ohms)</b> 400	<b>Contacts</b> 6FB <b>Date Tested</b> Not Tested
<b>Shelf Name</b> RACK 1D	<b>Relay Name</b> 1EB-LOR	<b>Serial Number</b> L940894	<b>Condition Left</b> NT
<b>Relay Type (Drawing and/or Catalog Number)</b> PN-150BL (322510-903)		<b>Resistance (Ohms)</b> 175	<b>Contacts</b> 3FB <b>Date Tested</b> Not Tested
<b>Shelf Name</b> RACK 1D	<b>Relay Name</b> 2E-PCR	<b>Serial Number</b> L582170	<b>Condition Left</b> NT
<b>Relay Type (Drawing and/or Catalog Number)</b> PN-150BSR (N322503-701 / 4A3)		<b>Resistance (Ohms)</b> 100	<b>Contacts</b> 6F-6B <b>Date Tested</b> Not Tested
<b>Shelf Name</b> RACK 1D	<b>Relay Name</b> 2-EOR	<b>Serial Number</b> B1395318	<b>Condition Left</b> NT
<b>Relay Type (Drawing and/or Catalog Number)</b> PN-150F (N322530-701)		<b>Resistance (Ohms)</b> 60	<b>Contacts</b> 6FB <b>Date Tested</b> Not Tested
<b>Shelf Name</b> RACK 1C	<b>Relay Name</b> 1WA-HGR	<b>Serial Number</b> L802365	<b>Condition Left</b> NT
<b>Relay Type (Drawing and/or Catalog Number)</b> PN-150B (N322500-701 / 4A1)		<b>Resistance (Ohms)</b> 400	<b>Contacts</b> 6FB <b>Date Tested</b> Not Tested
<b>Shelf Name</b> RACK 1C	<b>Relay Name</b> 1WA-LOR	<b>Serial Number</b> L809029	<b>Condition Left</b> NT
<b>Relay Type (Drawing and/or Catalog Number)</b> PN-150BL (322510-003)		<b>Resistance (Ohms)</b> 175	<b>Contacts</b> 3FB <b>Date Tested</b> Not Tested
<b>Shelf Name</b> RACK 1C	<b>Relay Name</b> 1W-HGPR	<b>Serial Number</b> 2580256	<b>Condition Left</b> NT
<b>Relay Type (Drawing and/or Catalog Number)</b> PN-150B (N322500-701 / 4A1)		<b>Resistance (Ohms)</b> 400	<b>Contacts</b> 6FB <b>Date Tested</b> Not Tested

**Relay Tests (FRA 234.263, 236.106)**

Shelf Name RACK 1C	Relay Name 1WB-HGR	Serial Number L840587	Condition Left NT
Relay Type (Drawing and/or Catalog Number) PN-150B (N322500-701 / 4A1)		Resistance (Ohms) 400	Contacts 6FB
Date Tested Not Tested			
Shelf Name RACK 1C	Relay Name 1WB-LOR	Serial Number L808928	Condition Left NT
Relay Type (Drawing and/or Catalog Number) PN-150BL (322510-003)		Resistance (Ohms) 175	Contacts 3FB
Date Tested Not Tested			
Shelf Name RACK 1C	Relay Name 2W-LOR	Serial Number L826673	Condition Left NT
Relay Type (Drawing and/or Catalog Number) PN-150BL (322510-003)		Resistance (Ohms) 175	Contacts 3FB
Date Tested Not Tested			
Shelf Name RACK 1C	Relay Name 2EA-LOR	Serial Number L808927	Condition Left NT
Relay Type (Drawing and/or Catalog Number) PN-150BL (322510-003)		Resistance (Ohms) 175	Contacts 3FB
Date Tested Not Tested			
Shelf Name RACK 1C	Relay Name 2E-DR	Serial Number 2580255	Condition Left NT
Relay Type (Drawing and/or Catalog Number) PN-150B (N322500-701 / 4A1)		Resistance (Ohms) 400	Contacts 6FB
Date Tested Not Tested			
Shelf Name RACK 1C	Relay Name 2W-SR	Serial Number L804655	Condition Left NT
Relay Type (Drawing and/or Catalog Number) PN-150B (N322500-701 / 4A1)		Resistance (Ohms) 400	Contacts 6FB
Date Tested Not Tested			
Shelf Name RACK 1C	Relay Name 2E-SR	Serial Number L803217	Condition Left NT
Relay Type (Drawing and/or Catalog Number) PN-150B (N322500-701 / 4A1)		Resistance (Ohms) 400	Contacts 6FB
Date Tested Not Tested			
Shelf Name RACK 1B	Relay Name 2E-TR	Serial Number L751635	Condition Left NT
Relay Type (Drawing and/or Catalog Number) PN-150B (N322500-701 / 4A1)		Resistance (Ohms) 400	Contacts 6FB
Date Tested Not Tested			
Shelf Name RACK 1B	Relay Name 2W-TR	Serial Number L957397	Condition Left NT
Relay Type (Drawing and/or Catalog Number) PN-150B (N322500-701 / 4A1)		Resistance (Ohms) 400	Contacts 6FB
Date Tested Not Tested			
Shelf Name RACK 1B	Relay Name 2E-HR	Serial Number L793467	Condition Left NT
Relay Type (Drawing and/or Catalog Number) PN-150B (N322500-701 / 4A1)		Resistance (Ohms) 400	Contacts 6FB
Date Tested Not Tested			
Shelf Name RACK 1B	Relay Name 2E-HPR	Serial Number L812811	Condition Left NT
Relay Type (Drawing and/or Catalog Number) PN-150BSR (N322503-701 / 4A3)		Resistance (Ohms) 100	Contacts 6F-6B
Date Tested Not Tested			
Shelf Name RACK 1B	Relay Name 2E-FYR	Serial Number L802385	Condition Left NT
Relay Type (Drawing and/or Catalog Number) PN-150B (N322500-701 / 4A1)		Resistance (Ohms) 400	Contacts 6FB
Date Tested Not Tested			
Shelf Name RACK 1B	Relay Name 2W-HR	Serial Number L824700	Condition Left NT
Relay Type (Drawing and/or Catalog Number) PN-150B (N322500-701 / 4A1)		Resistance (Ohms) 400	Contacts 6FB
Date Tested Not Tested			
Shelf Name RACK 1B	Relay Name 2W-HPR	Serial Number L811723	Condition Left NT
Relay Type (Drawing and/or Catalog Number) PN-150BSR (N322503-701 / 4A3)		Resistance (Ohms) 100	Contacts 6F-6B
Date Tested Not Tested			
Shelf Name RACK 1B	Relay Name 2W-FYR	Serial Number L793238	Condition Left NT
Relay Type (Drawing and/or Catalog Number) PN-150B (N322500-701 / 4A1)		Resistance (Ohms) 400	Contacts 6FB
Date Tested Not Tested			
Shelf Name RACK 1B	Relay Name 2W-DR	Serial Number L793531	Condition Left NT
Relay Type (Drawing and/or Catalog Number) PN-150B (N322500-701 / 4A1)		Resistance (Ohms) 400	Contacts 6FB
Date Tested Not Tested			
Shelf Name RACK 1B	Relay Name 2W-PCR	Serial Number L811696	Condition Left NT
Relay Type (Drawing and/or Catalog Number) PN-150BSR (N322503-701 / 4A3)		Resistance (Ohms) 100	Contacts 6F-6B
Date Tested Not Tested			



# Inspection Report - Relay Tests & Inspections

<b>Division:</b> POWDER RIVER	<b>Asset ID:</b> BABL2KX
<b>Subdivision:</b> BUTTE	<b>Test Date:</b> 07/17/2012
<b>Milepost (with Line Segment):</b> 4 475.20 - 475.20	<b>State:</b> SD
<b>Location / Highway Name:</b> east edgemont	
<b>County:</b> FALL RIVER	
<b>Employee's Name:</b> Daryll Hays (dhays)	<b>PARS Number:</b> SINS0167

**Conditions Master Key**

- C = Test completed, condition left in compliance.
- R = Replacements made (identified in associated comments), test completed, and condition left in compliance.
- V = Visual inspection completed, condition left in compliance.
- NT = The equipment was not tested in this inspection.
- N = No inspection required. The given relay does not require inspection at this time.

**Relay Tests (FRA 234.263, 236.106)**

Shelf Name	Relay Name	Serial Number	Condition Left
RACK 2G	1E-BKR	L803155	N
<b>Relay Type (Drawing and/or Catalog Number)</b>		<b>Resistance (Ohms)</b>	<b>Contacts</b>
PN-150B (N322500-701 / 4A1)		400	6FB
<b>Date Tested</b>			
RACK 2G	1E-TR	L794445	N
<b>Relay Type (Drawing and/or Catalog Number)</b>		<b>Resistance (Ohms)</b>	<b>Contacts</b>
PN-150B (N322500-701 / 4A1)		400	6FB
<b>Date Tested</b>			
RACK 2G	OSTR	L789462	N
<b>Relay Type (Drawing and/or Catalog Number)</b>		<b>Resistance (Ohms)</b>	<b>Contacts</b>
PN-150BTR (322501-702)		4	6F-6B
<b>Date Tested</b>			
RACK 2G	OSTP-THR	L778687	N
<b>Relay Type (Drawing and/or Catalog Number)</b>		<b>Resistance (Ohms)</b>	<b>Contacts</b>
PT-150 (322518-005)			1F-1CB
<b>Date Tested</b>			
RACK 2G	OSTPR	L803079	N
<b>Relay Type (Drawing and/or Catalog Number)</b>		<b>Resistance (Ohms)</b>	<b>Contacts</b>
PN-250B (N322554-701 / 4A1)		250 (500/500 parallel)	6FB-6F-3B
<b>Date Tested</b>			
RACK 2G	OSTPPR	L793461	N
<b>Relay Type (Drawing and/or Catalog Number)</b>		<b>Resistance (Ohms)</b>	<b>Contacts</b>
PN-150B (N322500-701 / 4A1)		400	6FB
<b>Date Tested</b>			
RACK 2G	POR	1281980	N
<b>Relay Type (Drawing and/or Catalog Number)</b>		<b>Resistance (Ohms)</b>	<b>Contacts</b>
PN-150P (322508-702-002)		240	4F-4BHD
<b>Date Tested</b>			
RACK 2F	1W-BKR	L793456	N
<b>Relay Type (Drawing and/or Catalog Number)</b>		<b>Resistance (Ohms)</b>	<b>Contacts</b>
PN-150B (N322500-701 / 4A1)		400	6FB
<b>Date Tested</b>			
RACK 2F	P-TR	L769753	N
<b>Relay Type (Drawing and/or Catalog Number)</b>		<b>Resistance (Ohms)</b>	<b>Contacts</b>
PN-150BTR (322501-701)		1	6F-6B
<b>Date Tested</b>			
RACK 2F	1W-TR	L753231	N
<b>Relay Type (Drawing and/or Catalog Number)</b>		<b>Resistance (Ohms)</b>	<b>Contacts</b>
PN-150B (N322500-701 / 4A1)		400	6FB
<b>Date Tested</b>			
RACK 2F	OSA-TR	L814380	N
<b>Relay Type (Drawing and/or Catalog Number)</b>		<b>Resistance (Ohms)</b>	<b>Contacts</b>
PN-150BTR (322501-702)		4	6F-6B
<b>Date Tested</b>			
RACK 2E	1LR	L802432	N
<b>Relay Type (Drawing and/or Catalog Number)</b>		<b>Resistance (Ohms)</b>	<b>Contacts</b>
PN-150B (N322500-701 / 4A1)		400	6FB
<b>Date Tested</b>			
RACK 2E	1LSR	L793457	N
<b>Relay Type (Drawing and/or Catalog Number)</b>		<b>Resistance (Ohms)</b>	<b>Contacts</b>
PN-150B (N322500-701 / 4A1)		400	6FB
<b>Date Tested</b>			

**Relay Tests (FRA 234.263, 236.106)**

Shelf Name RACK 2E	Relay Name 1E-ASR	Serial Number L803289	Condition Left N
Relay Type (Drawing and/or Catalog Number) PN-150B (N322500-701 / 4A1)		Resistance (Ohms) 400	Contacts 6FB
Date Tested			
Shelf Name RACK 2E	Relay Name 1W-ASR	Serial Number L804645	Condition Left N
Relay Type (Drawing and/or Catalog Number) PN-150B (N322500-701 / 4A1)		Resistance (Ohms) 400	Contacts 6FB
Date Tested			
Shelf Name RACK 2E	Relay Name 1ASPR	Serial Number L793522	Condition Left N
Relay Type (Drawing and/or Catalog Number) PN-150B (N322500-701 / 4A1)		Resistance (Ohms) 400	Contacts 6FB
Date Tested			
Shelf Name RACK 2E	Relay Name 1TER	Serial Number L816896	Condition Left N
Relay Type (Drawing and/or Catalog Number) PN-150T (322523-308)		Resistance (Ohms)	Contacts 3F
Date Tested			
Shelf Name RACK 2D	Relay Name 1-WR	Serial Number L815449	Condition Left C
Relay Type (Drawing and/or Catalog Number) PP-151 (322516-001)		Resistance (Ohms) 240	Contacts 6NR
Date Tested	07/17/2012		
Polar Normal Pickup 0.0247 A DC	Polar Normal Working 0.0247 A DC	Polar Reverse Pickup 0.0224 A DC	Polar Reverse Working 0.0224 A DC
Shelf Name RACK 2D	Relay Name 1-OR	Serial Number L806579	Condition Left N
Relay Type (Drawing and/or Catalog Number) PN-150SO (322512-002)		Resistance (Ohms) 0.039	Contacts 1B-1C
Date Tested			
Shelf Name RACK 2D	Relay Name 1-WRPR	Serial Number L797150	Condition Left N
Relay Type (Drawing and/or Catalog Number) PN-150BM (322517-001)		Resistance (Ohms) 240	Contacts 2FMHD
Date Tested			
Shelf Name RACK 2D	Relay Name 1E-ASPR	Serial Number L796869	Condition Left N
Relay Type (Drawing and/or Catalog Number) PN-150B (N322500-701 / 4A1)		Resistance (Ohms) 400	Contacts 6FB
Date Tested			
Shelf Name RACK 2D	Relay Name 1NWCR	Serial Number L810747	Condition Left N
Relay Type (Drawing and/or Catalog Number) PN-250B (N322554-701 / 4A1)		Resistance (Ohms) 250 (500/500 parallel)	Contacts 6FB-6F-3B
Date Tested			
Shelf Name RACK 2D	Relay Name 1RWCR	Serial Number L803072	Condition Left N
Relay Type (Drawing and/or Catalog Number) PN-250B (N322554-701 / 4A1)		Resistance (Ohms) 250 (500/500 parallel)	Contacts 6FB-6F-3B
Date Tested			
Shelf Name RACK 1F	Relay Name 1E-HR	Serial Number L803266	Condition Left N
Relay Type (Drawing and/or Catalog Number) PN-150B (N322500-701 / 4A1)		Resistance (Ohms) 400	Contacts 6FB
Date Tested			
Shelf Name RACK 1F	Relay Name 1E-PCR	Serial Number L811679	Condition Left N
Relay Type (Drawing and/or Catalog Number) PN-150BSR (N322503-701 / 4A3)		Resistance (Ohms) 100	Contacts 6F-6B
Date Tested			
Shelf Name RACK 1F	Relay Name 1E-DR	Serial Number L793251	Condition Left N
Relay Type (Drawing and/or Catalog Number) PN-150B (N322500-701 / 4A1)		Resistance (Ohms) 400	Contacts 6FB
Date Tested			
Shelf Name RACK 1F	Relay Name 1E-FYR	Serial Number L793452	Condition Left N
Relay Type (Drawing and/or Catalog Number) PN-150B (N322500-701 / 4A1)		Resistance (Ohms) 400	Contacts 6FB
Date Tested			
Shelf Name RACK 1F	Relay Name SMKR	Serial Number 2480908	Condition Left N
Relay Type (Drawing and/or Catalog Number) PN-150B (N322500-701 / 4A1)		Resistance (Ohms) 400	Contacts 6FB
Date Tested			
Shelf Name RACK 1F	Relay Name EAR	Serial Number L796679	Condition Left N
Relay Type (Drawing and/or Catalog Number) PN-150B (N322500-701 / 4A1)		Resistance (Ohms) 400	Contacts 6FB
Date Tested			
Shelf Name RACK 1F	Relay Name WAR	Serial Number L934973	Condition Left N
Relay Type (Drawing and/or Catalog Number) PN-150B (N322500-701 / 4A1)		Resistance (Ohms) 400	Contacts 6FB
Date Tested			

**Relay Tests (FRA 234.263, 236.106)**

Shelf Name RACK 1E	Relay Name 1W-DR	Serial Number 1980590	Condition Left N
Relay Type (Drawing and/or Catalog Number) PN-150B (N322500-701 / 4A1)		Resistance (Ohms) 400	Contacts 6FB
Date Tested			
Shelf Name RACK 1E	Relay Name 1W-FYR	Serial Number L924803	Condition Left N
Relay Type (Drawing and/or Catalog Number) PN-150B (N322500-701 / 4A1)		Resistance (Ohms) 400	Contacts 6FB
Date Tested			
Shelf Name RACK 1E	Relay Name 1EA-HGPR	Serial Number 2580202	Condition Left N
Relay Type (Drawing and/or Catalog Number) PN-150B (N322500-701 / 4A1)		Resistance (Ohms) 400	Contacts 6FB
Date Tested			
Shelf Name RACK 1E	Relay Name 1W-HR	Serial Number L793438	Condition Left N
Relay Type (Drawing and/or Catalog Number) PN-150B (N322500-701 / 4A1)		Resistance (Ohms) 400	Contacts 6FB
Date Tested			
Shelf Name RACK 1E	Relay Name 1W-PCR	Serial Number L811661	Condition Left N
Relay Type (Drawing and/or Catalog Number) PN-150BSR (N322503-701 / 4A3)		Resistance (Ohms) 100	Contacts 6F-6B
Date Tested			
Shelf Name RACK 1E	Relay Name 2W-NWPR	Serial Number L796961	Condition Left N
Relay Type (Drawing and/or Catalog Number) PN-150B (N322500-701 / 4A1)		Resistance (Ohms) 400	Contacts 6FB
Date Tested			
Shelf Name RACK 1E	Relay Name 1-EOR	Serial Number B1395302	Condition Left N
Relay Type (Drawing and/or Catalog Number) PN-150F (N322530-701)		Resistance (Ohms) 60	Contacts 6FB
Date Tested			
Shelf Name RACK 1D	Relay Name 1EA-HGR	Serial Number L803286	Condition Left N
Relay Type (Drawing and/or Catalog Number) PN-150B (N322500-701 / 4A1)		Resistance (Ohms) 400	Contacts 6FB
Date Tested			
Shelf Name RACK 1D	Relay Name 1EA-LOR	Serial Number L827406	Condition Left N
Relay Type (Drawing and/or Catalog Number) PN-150BL (322510-003)		Resistance (Ohms) 175	Contacts 3FB
Date Tested			
Shelf Name RACK 1D	Relay Name 1EB-HGPR	Serial Number L793523	Condition Left N
Relay Type (Drawing and/or Catalog Number) PN-150B (N322500-701 / 4A1)		Resistance (Ohms) 400	Contacts 6FB
Date Tested			
Shelf Name RACK 1D	Relay Name 1EB-HGR	Serial Number L793534	Condition Left N
Relay Type (Drawing and/or Catalog Number) PN-150B (N322500-701 / 4A1)		Resistance (Ohms) 400	Contacts 6FB
Date Tested			
Shelf Name RACK 1D	Relay Name 1EB-LOR	Serial Number L940894	Condition Left N
Relay Type (Drawing and/or Catalog Number) PN-150BL (322510-903)		Resistance (Ohms) 175	Contacts 3FB
Date Tested			
Shelf Name RACK 1D	Relay Name 2E-PCR	Serial Number L582170	Condition Left N
Relay Type (Drawing and/or Catalog Number) PN-150BSR (N322503-701 / 4A3)		Resistance (Ohms) 100	Contacts 6F-6B
Date Tested			
Shelf Name RACK 1D	Relay Name 2-EOR	Serial Number B1395318	Condition Left N
Relay Type (Drawing and/or Catalog Number) PN-150F (N322530-701)		Resistance (Ohms) 60	Contacts 6FB
Date Tested			
Shelf Name RACK 1C	Relay Name 1WA-HGR	Serial Number L802365	Condition Left N
Relay Type (Drawing and/or Catalog Number) PN-150B (N322500-701 / 4A1)		Resistance (Ohms) 400	Contacts 6FB
Date Tested			
Shelf Name RACK 1C	Relay Name 1WA-LOR	Serial Number L809029	Condition Left N
Relay Type (Drawing and/or Catalog Number) PN-150BL (322510-003)		Resistance (Ohms) 175	Contacts 3FB
Date Tested			
Shelf Name RACK 1C	Relay Name 1W-HGPR	Serial Number 2580256	Condition Left N
Relay Type (Drawing and/or Catalog Number) PN-150B (N322500-701 / 4A1)		Resistance (Ohms) 400	Contacts 6FB
Date Tested			
Shelf Name RACK 1C	Relay Name 1WB-HGR	Serial Number L840587	Condition Left N
Relay Type (Drawing and/or Catalog Number) PN-150B (N322500-701 / 4A1)		Resistance (Ohms) 400	Contacts 6FB
Date Tested			



**Relay Tests (FRA 234.263, 236.106)**

<b>Shelf Name</b> RACK 1C	<b>Relay Name</b> 1WB-LOR	<b>Serial Number</b> L808928	<b>Condition Left</b> N
<b>Relay Type (Drawing and/or Catalog Number)</b> PN-150BL (322510-003)		<b>Resistance (Ohms)</b> 175	<b>Contacts</b> 3FB
<b>Shelf Name</b> RACK 1C	<b>Relay Name</b> 2W-LOR	<b>Serial Number</b> L826673	<b>Condition Left</b> N
<b>Relay Type (Drawing and/or Catalog Number)</b> PN-150BL (322510-003)		<b>Resistance (Ohms)</b> 175	<b>Contacts</b> 3FB
<b>Shelf Name</b> RACK 1C	<b>Relay Name</b> 2EA-LOR	<b>Serial Number</b> L808927	<b>Condition Left</b> N
<b>Relay Type (Drawing and/or Catalog Number)</b> PN-150BL (322510-003)		<b>Resistance (Ohms)</b> 175	<b>Contacts</b> 3FB
<b>Shelf Name</b> RACK 1C	<b>Relay Name</b> 2E-DR	<b>Serial Number</b> 2580255	<b>Condition Left</b> N
<b>Relay Type (Drawing and/or Catalog Number)</b> PN-150B (N322500-701 / 4A1)		<b>Resistance (Ohms)</b> 400	<b>Contacts</b> 6FB
<b>Shelf Name</b> RACK 1C	<b>Relay Name</b> 2W-SR	<b>Serial Number</b> L804655	<b>Condition Left</b> N
<b>Relay Type (Drawing and/or Catalog Number)</b> PN-150B (N322500-701 / 4A1)		<b>Resistance (Ohms)</b> 400	<b>Contacts</b> 6FB
<b>Shelf Name</b> RACK 1C	<b>Relay Name</b> 2E-SR	<b>Serial Number</b> L803217	<b>Condition Left</b> N
<b>Relay Type (Drawing and/or Catalog Number)</b> PN-150B (N322500-701 / 4A1)		<b>Resistance (Ohms)</b> 400	<b>Contacts</b> 6FB
<b>Shelf Name</b> RACK 1B	<b>Relay Name</b> 2E-TR	<b>Serial Number</b> L751635	<b>Condition Left</b> N
<b>Relay Type (Drawing and/or Catalog Number)</b> PN-150B (N322500-701 / 4A1)		<b>Resistance (Ohms)</b> 400	<b>Contacts</b> 6FB
<b>Shelf Name</b> RACK 1B	<b>Relay Name</b> 2W-TR	<b>Serial Number</b> L957397	<b>Condition Left</b> N
<b>Relay Type (Drawing and/or Catalog Number)</b> PN-150B (N322500-701 / 4A1)		<b>Resistance (Ohms)</b> 400	<b>Contacts</b> 6FB
<b>Shelf Name</b> RACK 1B	<b>Relay Name</b> 2E-HR	<b>Serial Number</b> L793467	<b>Condition Left</b> N
<b>Relay Type (Drawing and/or Catalog Number)</b> PN-150B (N322500-701 / 4A1)		<b>Resistance (Ohms)</b> 400	<b>Contacts</b> 6FB
<b>Shelf Name</b> RACK 1B	<b>Relay Name</b> 2E-HPR	<b>Serial Number</b> L812811	<b>Condition Left</b> N
<b>Relay Type (Drawing and/or Catalog Number)</b> PN-150BSR (N322503-701 / 4A3)		<b>Resistance (Ohms)</b> 100	<b>Contacts</b> 6F-6B
<b>Shelf Name</b> RACK 1B	<b>Relay Name</b> 2E-FYR	<b>Serial Number</b> L802385	<b>Condition Left</b> N
<b>Relay Type (Drawing and/or Catalog Number)</b> PN-150B (N322500-701 / 4A1)		<b>Resistance (Ohms)</b> 400	<b>Contacts</b> 6FB
<b>Shelf Name</b> RACK 1B	<b>Relay Name</b> 2W-HR	<b>Serial Number</b> L824700	<b>Condition Left</b> N
<b>Relay Type (Drawing and/or Catalog Number)</b> PN-150B (N322500-701 / 4A1)		<b>Resistance (Ohms)</b> 400	<b>Contacts</b> 6FB
<b>Shelf Name</b> RACK 1B	<b>Relay Name</b> 2W-HPR	<b>Serial Number</b> L811723	<b>Condition Left</b> N
<b>Relay Type (Drawing and/or Catalog Number)</b> PN-150BSR (N322503-701 / 4A3)		<b>Resistance (Ohms)</b> 100	<b>Contacts</b> 6F-6B
<b>Shelf Name</b> RACK 1B	<b>Relay Name</b> 2W-FYR	<b>Serial Number</b> L793238	<b>Condition Left</b> N
<b>Relay Type (Drawing and/or Catalog Number)</b> PN-150B (N322500-701 / 4A1)		<b>Resistance (Ohms)</b> 400	<b>Contacts</b> 6FB
<b>Shelf Name</b> RACK 1B	<b>Relay Name</b> 2W-DR	<b>Serial Number</b> L793531	<b>Condition Left</b> N
<b>Relay Type (Drawing and/or Catalog Number)</b> PN-150B (N322500-701 / 4A1)		<b>Resistance (Ohms)</b> 400	<b>Contacts</b> 6FB
<b>Shelf Name</b> RACK 1B	<b>Relay Name</b> 2W-PCR	<b>Serial Number</b> L811696	<b>Condition Left</b> N
<b>Relay Type (Drawing and/or Catalog Number)</b> PN-150BSR (N322503-701 / 4A3)		<b>Resistance (Ohms)</b> 100	<b>Contacts</b> 6F-6B



# Inspection Report - Relay Tests & Inspections

<b>Division:</b> POWDER RIVER	<b>Asset ID:</b> BABL2KX
<b>Subdivision:</b> BUTTE	<b>Test Date:</b> 07/08/2014
<b>Milepost (with Line Segment):</b> 4 475.20 - 475.20	<b>State:</b> SD
<b>Location / Highway Name:</b> east edgemont	
<b>County:</b> FALL RIVER	
<b>Employee's Name:</b> Daryll Hays (dhays)	<b>PARS Number:</b> SINS0167

**Conditions Master Key**

- C = Test completed, condition left in compliance.
- R = Replacements made (identified in associated comments), test completed, and condition left in compliance.
- V = Visual inspection completed, condition left in compliance.
- NT = The equipment was not tested in this inspection.
- N = No inspection required. The given relay does not require inspection at this time.

Relay Tests (FRA 234.263, 236.106)				
Shelf Name RACK 2G	Relay Name 1E-BKR	Serial Number L803155	Condition Left C	
Relay Type (Drawing and/or Catalog Number) PN-150B (N322500-701 / 4A1)		Resistance (Ohms) 400	Contacts 6FB	Date Tested 07/08/2014
Neutral Dropaway 0.0068 A DC		Neutral Pickup 0.0104 A DC		Neutral Working 0.0112 A DC
Shelf Name RACK 2G	Relay Name 1E-TR	Serial Number L794445	Condition Left C	
Relay Type (Drawing and/or Catalog Number) PN-150B (N322500-701 / 4A1)		Resistance (Ohms) 400	Contacts 6FB	Date Tested 07/08/2014
Neutral Dropaway 0.0075 A DC		Neutral Pickup 0.0112 A DC		Neutral Working 0.0112 A DC
Shelf Name RACK 2G	Relay Name OSTR	Serial Number L789462	Condition Left C	
Relay Type (Drawing and/or Catalog Number) PN-150BTR (322501-702)		Resistance (Ohms) 4	Contacts 6F-6B	Date Tested 07/08/2014
Neutral Dropaway 0.0780 A DC		Neutral Pickup 0.1140 A DC		Neutral Working 0.1220 A DC
Shelf Name RACK 2G	Relay Name OSTP-THR	Serial Number L778687	Condition Left V	
Relay Type (Drawing and/or Catalog Number) PT-150 (322518-005)		Resistance (Ohms)	Contacts 1F-1CB	Date Tested 07/08/2014
Shelf Name RACK 2G	Relay Name OSTPR	Serial Number L803079	Condition Left C	
Relay Type (Drawing and/or Catalog Number) PN-250B (N322554-701 / 4A1)		Resistance (Ohms) 250 (500/500 parallel)	Contacts 6FB-6F-3B	Date Tested 07/08/2014
Neutral Dropaway 0.0095 A DC		Neutral Pickup 0.0146 A DC		Neutral Working 0.0164 A DC
Shelf Name RACK 2G	Relay Name OSTPPR	Serial Number L793461	Condition Left C	
Relay Type (Drawing and/or Catalog Number) PN-150B (N322500-701 / 4A1)		Resistance (Ohms) 400	Contacts 6FB	Date Tested 07/08/2014
Neutral Dropaway 0.0062 A DC		Neutral Pickup 0.0108 A DC		Neutral Working 0.0108 A DC
Shelf Name RACK 2G	Relay Name POR	Serial Number 1281980	Condition Left C	
Relay Type (Drawing and/or Catalog Number) PN-150P (322508-702-002)		Resistance (Ohms) 240	Contacts 4F-4BHD	Date Tested 07/08/2014
Neutral Dropaway 6.8000 V AC		Neutral Pickup 8.9500 V AC		Neutral Working 8.9500 V AC
Shelf Name RACK 2F	Relay Name 1W-BKR	Serial Number L793456	Condition Left C	
Relay Type (Drawing and/or Catalog Number) PN-150B (N322500-701 / 4A1)		Resistance (Ohms) 400	Contacts 6FB	Date Tested 07/08/2014
Neutral Dropaway 0.0066 A DC		Neutral Pickup 0.0110 A DC		Neutral Working 0.0110 A DC
Shelf Name RACK 2F	Relay Name P-TR	Serial Number L769753	Condition Left C	
Relay Type (Drawing and/or Catalog Number) PN-150BTR (322501-701)		Resistance (Ohms) 1	Contacts 6F-6B	Date Tested 07/08/2014
Neutral Dropaway 0.1600 A DC		Neutral Pickup 0.2280 A DC		Neutral Working 0.2280 A DC

**Relay Tests (FRA 234.263, 236.106)**

Shelf Name RACK 2F	Relay Name 1W-TR	Serial Number L753231	Condition Left C
Relay Type (Drawing and/or Catalog Number) PN-150B (N322500-701 / 4A1)		Resistance (Ohms) 400	Contacts 6FB
Neutral Dropaway 0.0062 A DC		Neutral Pickup 0.0106 A DC	Neutral Working 0.0106 A DC
Shelf Name RACK 2F	Relay Name OSA-TR	Serial Number L814380	Condition Left C
Relay Type (Drawing and/or Catalog Number) PN-150BTR (322501-702)		Resistance (Ohms) 4	Contacts 6F-6B
Neutral Dropaway 0.0850 A DC		Neutral Pickup 0.1240 A DC	Neutral Working 0.1240 A DC
Shelf Name RACK 2E	Relay Name 1LR	Serial Number L802432	Condition Left C
Relay Type (Drawing and/or Catalog Number) PN-150B (N322500-701 / 4A1)		Resistance (Ohms) 400	Contacts 6FB
Neutral Dropaway 0.0074 A DC		Neutral Pickup 0.0115 A DC	Neutral Working 0.0115 A DC
Shelf Name RACK 2E	Relay Name 1LSR	Serial Number L793457	Condition Left C
Relay Type (Drawing and/or Catalog Number) PN-150B (N322500-701 / 4A1)		Resistance (Ohms) 400	Contacts 6FB
Neutral Dropaway 0.0068 A DC		Neutral Pickup 0.0108 A DC	Neutral Working 0.0108 A DC
Shelf Name RACK 2E	Relay Name 1E-ASR	Serial Number L803289	Condition Left C
Relay Type (Drawing and/or Catalog Number) PN-150B (N322500-701 / 4A1)		Resistance (Ohms) 400	Contacts 6FB
Neutral Dropaway 0.0070 A DC		Neutral Pickup 0.0112 A DC	Neutral Working 0.0112 A DC
Shelf Name RACK 2E	Relay Name 1W-ASR	Serial Number L804645	Condition Left C
Relay Type (Drawing and/or Catalog Number) PN-150B (N322500-701 / 4A1)		Resistance (Ohms) 400	Contacts 6FB
Neutral Dropaway 0.0070 A DC		Neutral Pickup 0.0115 A DC	Neutral Working 0.0115 A DC
Shelf Name RACK 2E	Relay Name 1ASPR	Serial Number L793522	Condition Left C
Relay Type (Drawing and/or Catalog Number) PN-150B (N322500-701 / 4A1)		Resistance (Ohms) 400	Contacts 6FB
Neutral Dropaway 0.0072 A DC		Neutral Pickup 0.0114 A DC	Neutral Working 0.0114 A DC
Shelf Name RACK 2E	Relay Name 1TER	Serial Number L816896	Condition Left V
Relay Type (Drawing and/or Catalog Number) PN-150T (322523-308)		Resistance (Ohms)	Contacts 3F
Shelf Name RACK 2D	Relay Name 1-WR	Serial Number L815449	Condition Left C
Relay Type (Drawing and/or Catalog Number) PP-151 (322516-001)		Resistance (Ohms) 240	Contacts 6NR
Polar Normal Pickup 0.0240 A DC	Polar Normal Working 0.0240 A DC	Polar Reverse Pickup 0.0220 A DC	Polar Reverse Working 0.0220 A DC
Shelf Name RACK 2D	Relay Name 1-OR	Serial Number L806579	Condition Left V
Relay Type (Drawing and/or Catalog Number) PN-150SO (322512-002)		Resistance (Ohms) 0.039	Contacts 1B-1C
Shelf Name RACK 2D	Relay Name 1-WRPR	Serial Number L797150	Condition Left C
Relay Type (Drawing and/or Catalog Number) PN-150BM (322517-001)		Resistance (Ohms) 240	Contacts 2FMHD
Neutral Dropaway 0.0101 A DC		Neutral Pickup 0.0190 A DC	Neutral Working 0.0190 A DC
Shelf Name RACK 2D	Relay Name 1E-ASPR	Serial Number L796869	Condition Left C
Relay Type (Drawing and/or Catalog Number) PN-150B (N322500-701 / 4A1)		Resistance (Ohms) 400	Contacts 6FB
Neutral Dropaway 0.0066 A DC		Neutral Pickup 0.0120 A DC	Neutral Working 0.0120 A DC
Shelf Name RACK 2D	Relay Name 1NWCR	Serial Number L810747	Condition Left C
Relay Type (Drawing and/or Catalog Number) PN-250B (N322554-701 / 4A1)		Resistance (Ohms) 250 (500/500 parallel)	Contacts 6FB-6F-3B
Neutral Dropaway 0.0085 A DC		Neutral Pickup 0.0140 A DC	Neutral Working 0.0160 A DC

**Relay Tests (FRA 234.263, 236.106)**

Shelf Name RACK 2D	Relay Name 1RWCR	Serial Number L803072	Condition Left C
Relay Type (Drawing and/or Catalog Number) PN-250B (N322554-701 / 4A1)		Resistance (Ohms) 250 (500/500 parallel)	Contacts 6FB-6F-3B
Neutral Dropaway 0.0090 A DC		Neutral Pickup 0.0150 A DC	Neutral Working 0.0168 A DC
Shelf Name RACK 1F	Relay Name 1E-HR	Serial Number L803266	Condition Left C
Relay Type (Drawing and/or Catalog Number) PN-150B (N322500-701 / 4A1)		Resistance (Ohms) 400	Contacts 6FB
Neutral Dropaway 0.0075 A DC		Neutral Pickup 0.0120 A DC	Neutral Working 0.0120 A DC
Shelf Name RACK 1F	Relay Name 1E-PCR	Serial Number L811679	Condition Left C
Relay Type (Drawing and/or Catalog Number) PN-150BSR (N322503-701 / 4A3)		Resistance (Ohms) 100	Contacts 6F-6B
Neutral Dropaway 0.0130 A DC		Neutral Pickup 0.0290 A DC	Neutral Working 0.0290 A DC
Shelf Name RACK 1F	Relay Name 1E-DR	Serial Number L793251	Condition Left C
Relay Type (Drawing and/or Catalog Number) PN-150B (N322500-701 / 4A1)		Resistance (Ohms) 400	Contacts 6FB
Neutral Dropaway 0.0072 A DC		Neutral Pickup 0.0109 A DC	Neutral Working 0.0109 A DC
Shelf Name RACK 1F	Relay Name 1E-FYR	Serial Number L793452	Condition Left C
Relay Type (Drawing and/or Catalog Number) PN-150B (N322500-701 / 4A1)		Resistance (Ohms) 400	Contacts 6FB
Neutral Dropaway 0.0072 A DC		Neutral Pickup 0.0115 A DC	Neutral Working 0.0115 A DC
Shelf Name RACK 1F	Relay Name SMKR	Serial Number 2480908	Condition Left C
Relay Type (Drawing and/or Catalog Number) PN-150B (N322500-701 / 4A1)		Resistance (Ohms) 400	Contacts 6FB
Neutral Dropaway 0.0066 A DC		Neutral Pickup 0.0112 A DC	Neutral Working 0.0112 A DC
Shelf Name RACK 1F	Relay Name EAR	Serial Number L796679	Condition Left C
Relay Type (Drawing and/or Catalog Number) PN-150B (N322500-701 / 4A1)		Resistance (Ohms) 400	Contacts 6FB
Neutral Dropaway 0.0070 A DC		Neutral Pickup 0.0110 A DC	Neutral Working 0.0110 A DC
Shelf Name RACK 1F	Relay Name WAR	Serial Number L934973	Condition Left C
Relay Type (Drawing and/or Catalog Number) PN-150B (N322500-701 / 4A1)		Resistance (Ohms) 400	Contacts 6FB
Neutral Dropaway 0.0062 A DC		Neutral Pickup 0.0108 A DC	Neutral Working 0.0108 A DC
Shelf Name RACK 1E	Relay Name 1W-DR	Serial Number 1980590	Condition Left C
Relay Type (Drawing and/or Catalog Number) PN-150B (N322500-701 / 4A1)		Resistance (Ohms) 400	Contacts 6FB
Neutral Dropaway 0.0068 A DC		Neutral Pickup 0.0111 A DC	Neutral Working 0.0111 A DC
Shelf Name RACK 1E	Relay Name 1W-FYR	Serial Number L924803	Condition Left C
Relay Type (Drawing and/or Catalog Number) PN-150B (N322500-701 / 4A1)		Resistance (Ohms) 400	Contacts 6FB
Neutral Dropaway 0.0066 A DC		Neutral Pickup 0.0112 A DC	Neutral Working 0.0112 A DC
Shelf Name RACK 1E	Relay Name 1EA-HGPR	Serial Number 2580202	Condition Left C
Relay Type (Drawing and/or Catalog Number) PN-150B (N322500-701 / 4A1)		Resistance (Ohms) 400	Contacts 6FB
Neutral Dropaway 0.0064 A DC		Neutral Pickup 0.0110 A DC	Neutral Working 0.0120 A DC
Shelf Name RACK 1E	Relay Name 1W-HR	Serial Number L793438	Condition Left C
Relay Type (Drawing and/or Catalog Number) PN-150B (N322500-701 / 4A1)		Resistance (Ohms) 400	Contacts 6FB
Neutral Dropaway 0.0070 A DC		Neutral Pickup 0.0115 A DC	Neutral Working 0.0115 A DC

**Relay Tests (FRA 234.263, 236.106)**

Shelf Name RACK 1E	Relay Name 1W-PCR	Serial Number L811661	Condition Left C
Relay Type (Drawing and/or Catalog Number) PN-150BSR (N322503-701 / 4A3)		Resistance (Ohms) 100	Contacts 6F-6B
Neutral Dropaway 0.0120 A DC		Neutral Pickup 0.0280 A DC	Neutral Working 0.0280 A DC
Shelf Name RACK 1E	Relay Name 2W-NWPR	Serial Number L796961	Condition Left C
Relay Type (Drawing and/or Catalog Number) PN-150B (N322500-701 / 4A1)		Resistance (Ohms) 400	Contacts 6FB
Neutral Dropaway 0.0075 A DC		Neutral Pickup 0.0118 A DC	Neutral Working 0.0118 A DC
Shelf Name RACK 1E	Relay Name 1-EOR	Serial Number B1395302	Condition Left C
Relay Type (Drawing and/or Catalog Number) PN-150F (N322530-701)		Resistance (Ohms) 60	Contacts 6FB
Neutral Dropaway 0.0295 A DC		Neutral Pickup 0.0480 A DC	Neutral Working 0.0480 A DC
Shelf Name RACK 1D	Relay Name 1EA-HGR	Serial Number L803286	Condition Left C
Relay Type (Drawing and/or Catalog Number) PN-150B (N322500-701 / 4A1)		Resistance (Ohms) 400	Contacts 6FB
Neutral Dropaway 0.0075 A DC		Neutral Pickup 0.0119 A DC	Neutral Working 0.0119 A DC
Shelf Name RACK 1D	Relay Name 1EA-LOR	Serial Number L827406	Condition Left C
Relay Type (Drawing and/or Catalog Number) PN-150BL (322510-003)		Resistance (Ohms) 175	Contacts 3FB
Neutral Dropaway 0.0160 A DC		Neutral Pickup 0.0352 A DC	Neutral Working 0.0352 A DC
Shelf Name RACK 1D	Relay Name 1EB-HGPR	Serial Number L793523	Condition Left C
Relay Type (Drawing and/or Catalog Number) PN-150B (N322500-701 / 4A1)		Resistance (Ohms) 400	Contacts 6FB
Neutral Dropaway 0.0067 A DC		Neutral Pickup 0.0110 A DC	Neutral Working 0.0110 A DC
Shelf Name RACK 1D	Relay Name 1EB-HGR	Serial Number L793534	Condition Left C
Relay Type (Drawing and/or Catalog Number) PN-150B (N322500-701 / 4A1)		Resistance (Ohms) 400	Contacts 6FB
Neutral Dropaway 0.0072 A DC		Neutral Pickup 0.0108 A DC	Neutral Working 0.0108 A DC
Shelf Name RACK 1D	Relay Name 1EB-LOR	Serial Number L940894	Condition Left C
Relay Type (Drawing and/or Catalog Number) PN-150BL (322510-903)		Resistance (Ohms) 175	Contacts 3FB
Neutral Dropaway 0.0145 A DC		Neutral Pickup 0.0300 A DC	Neutral Working 0.0300 A DC
Shelf Name RACK 1D	Relay Name 2E-PCR	Serial Number L582170	Condition Left C
Relay Type (Drawing and/or Catalog Number) PN-150BSR (N322503-701 / 4A3)		Resistance (Ohms) 100	Contacts 6F-6B
Neutral Dropaway 0.0125 A DC		Neutral Pickup 0.0280 A DC	Neutral Working 0.0280 A DC
Shelf Name RACK 1D	Relay Name 2-EOR	Serial Number B1395318	Condition Left C
Relay Type (Drawing and/or Catalog Number) PN-150F (N322530-701)		Resistance (Ohms) 60	Contacts 6FB
Neutral Dropaway 0.0290 A DC		Neutral Pickup 0.0520 A DC	Neutral Working 0.0520 A DC
Shelf Name RACK 1C	Relay Name 1WA-HGR	Serial Number L802365	Condition Left C
Relay Type (Drawing and/or Catalog Number) PN-150B (N322500-701 / 4A1)		Resistance (Ohms) 400	Contacts 6FB
Neutral Dropaway 0.0076 A DC		Neutral Pickup 0.0114 A DC	Neutral Working 0.0114 A DC
Shelf Name RACK 1C	Relay Name 1WA-LOR	Serial Number L809029	Condition Left C
Relay Type (Drawing and/or Catalog Number) PN-150BL (322510-003)		Resistance (Ohms) 175	Contacts 3FB
Neutral Dropaway 0.0135 A DC		Neutral Pickup 0.0310 A DC	Neutral Working 0.0310 A DC

**Relay Tests (FRA 234.263, 236.106)**

Shelf Name RACK 1C	Relay Name 1W-HGPR	Serial Number 2580256	Condition Left C
Relay Type (Drawing and/or Catalog Number) PN-150B (N322500-701 / 4A1)		Resistance (Ohms) 400	Contacts 6FB
Neutral Dropaway 0.0070 A DC		Neutral Pickup 0.0114 A DC	Neutral Working 0.0120 A DC
Shelf Name RACK 1C	Relay Name 1WB-HGR	Serial Number L840587	Condition Left C
Relay Type (Drawing and/or Catalog Number) PN-150B (N322500-701 / 4A1)		Resistance (Ohms) 400	Contacts 6FB
Neutral Dropaway 0.0075 A DC		Neutral Pickup 0.0122 A DC	Neutral Working 0.0122 A DC
Shelf Name RACK 1C	Relay Name 1WB-LOR	Serial Number L808928	Condition Left C
Relay Type (Drawing and/or Catalog Number) PN-150BL (322510-003)		Resistance (Ohms) 175	Contacts 3FB
Neutral Dropaway 0.0128 A DC		Neutral Pickup 0.0322 A DC	Neutral Working 0.0322 A DC
Shelf Name RACK 1C	Relay Name 2W-LOR	Serial Number L826673	Condition Left C
Relay Type (Drawing and/or Catalog Number) PN-150BL (322510-003)		Resistance (Ohms) 175	Contacts 3FB
Neutral Dropaway 0.0145 A DC		Neutral Pickup 0.0320 A DC	Neutral Working 0.0320 A DC
Shelf Name RACK 1C	Relay Name 2EA-LOR	Serial Number L808927	Condition Left C
Relay Type (Drawing and/or Catalog Number) PN-150BL (322510-003)		Resistance (Ohms) 175	Contacts 3FB
Neutral Dropaway 0.0130 A DC		Neutral Pickup 0.0315 A DC	Neutral Working 0.0315 A DC
Shelf Name RACK 1C	Relay Name 2E-DR	Serial Number 2580255	Condition Left C
Relay Type (Drawing and/or Catalog Number) PN-150B (N322500-701 / 4A1)		Resistance (Ohms) 400	Contacts 6FB
Neutral Dropaway 0.0064 A DC		Neutral Pickup 0.0108 A DC	Neutral Working 0.0116 A DC
Shelf Name RACK 1C	Relay Name 2W-SR	Serial Number L804655	Condition Left C
Relay Type (Drawing and/or Catalog Number) PN-150B (N322500-701 / 4A1)		Resistance (Ohms) 400	Contacts 6FB
Neutral Dropaway 0.0065 A DC		Neutral Pickup 0.0106 A DC	Neutral Working 0.0118 A DC
Shelf Name RACK 1C	Relay Name 2E-SR	Serial Number L803217	Condition Left C
Relay Type (Drawing and/or Catalog Number) PN-150B (N322500-701 / 4A1)		Resistance (Ohms) 400	Contacts 6FB
Neutral Dropaway 0.0064 A DC		Neutral Pickup 0.0109 A DC	Neutral Working 0.0109 A DC
Shelf Name RACK 1B	Relay Name 2E-TR	Serial Number L751635	Condition Left C
Relay Type (Drawing and/or Catalog Number) PN-150B (N322500-701 / 4A1)		Resistance (Ohms) 400	Contacts 6FB
Neutral Dropaway 0.0066 A DC		Neutral Pickup 0.0106 A DC	Neutral Working 0.0114 A DC
Shelf Name RACK 1B	Relay Name 2W-TR	Serial Number L957397	Condition Left C
Relay Type (Drawing and/or Catalog Number) PN-150B (N322500-701 / 4A1)		Resistance (Ohms) 400	Contacts 6FB
Neutral Dropaway 0.0065 A DC		Neutral Pickup 0.0112 A DC	Neutral Working 0.0112 A DC
Shelf Name RACK 1B	Relay Name 2E-HR	Serial Number L793467	Condition Left C
Relay Type (Drawing and/or Catalog Number) PN-150B (N322500-701 / 4A1)		Resistance (Ohms) 400	Contacts 6FB
Neutral Dropaway 0.0068 A DC		Neutral Pickup 0.0116 A DC	Neutral Working 0.0116 A DC
Shelf Name RACK 1B	Relay Name 2E-HPR	Serial Number L812811	Condition Left C
Relay Type (Drawing and/or Catalog Number) PN-150BSR (N322503-701 / 4A3)		Resistance (Ohms) 100	Contacts 6F-6B
Neutral Dropaway 0.0115 A DC		Neutral Pickup 0.0310 A DC	Neutral Working 0.0310 A DC

**Relay Tests (FRA 234.263, 236.106)**

<b>Shelf Name</b> RACK 1B	<b>Relay Name</b> 2E-FYR	<b>Serial Number</b> L802385	<b>Condition Left</b> C
<b>Relay Type (Drawing and/or Catalog Number)</b> PN-150B (N322500-701 / 4A1)		<b>Resistance (Ohms)</b> 400	<b>Contacts</b> 6FB
<b>Neutral Dropaway</b> 0.0070 A DC		<b>Neutral Working</b> 0.0112 A DC	
<b>Shelf Name</b> RACK 1B	<b>Relay Name</b> 2W-HR	<b>Serial Number</b> L824700	<b>Condition Left</b> C
<b>Relay Type (Drawing and/or Catalog Number)</b> PN-150B (N322500-701 / 4A1)		<b>Resistance (Ohms)</b> 400	<b>Contacts</b> 6FB
<b>Neutral Dropaway</b> 0.0064 A DC		<b>Neutral Working</b> 0.0106 A DC	
<b>Shelf Name</b> RACK 1B	<b>Relay Name</b> 2W-HPR	<b>Serial Number</b> L811723	<b>Condition Left</b> C
<b>Relay Type (Drawing and/or Catalog Number)</b> PN-150BSR (N322503-701 / 4A3)		<b>Resistance (Ohms)</b> 100	<b>Contacts</b> 6F-6B
<b>Neutral Dropaway</b> 0.0118 A DC		<b>Neutral Working</b> 0.0285 A DC	
<b>Shelf Name</b> RACK 1B	<b>Relay Name</b> 2W-FYR	<b>Serial Number</b> L793238	<b>Condition Left</b> C
<b>Relay Type (Drawing and/or Catalog Number)</b> PN-150B (N322500-701 / 4A1)		<b>Resistance (Ohms)</b> 400	<b>Contacts</b> 6FB
<b>Neutral Dropaway</b> 0.0075 A DC		<b>Neutral Working</b> 0.0122 A DC	
<b>Shelf Name</b> RACK 1B	<b>Relay Name</b> 2W-DR	<b>Serial Number</b> L793531	<b>Condition Left</b> C
<b>Relay Type (Drawing and/or Catalog Number)</b> PN-150B (N322500-701 / 4A1)		<b>Resistance (Ohms)</b> 400	<b>Contacts</b> 6FB
<b>Neutral Dropaway</b> 0.0070 A DC		<b>Neutral Working</b> 0.0114 A DC	
<b>Shelf Name</b> RACK 1B	<b>Relay Name</b> 2W-PCR	<b>Serial Number</b> L811696	<b>Condition Left</b> C
<b>Relay Type (Drawing and/or Catalog Number)</b> PN-150BSR (N322503-701 / 4A3)		<b>Resistance (Ohms)</b> 100	<b>Contacts</b> 6F-6B
<b>Neutral Dropaway</b> 0.0116 A DC		<b>Neutral Working</b> 0.0290 A DC	



# Inspection Report

## Relay Tests & Inspections

**Division:** POWDER RIVER

**Asset ID:** BABL2KX

**Subdivision:** BUTTE

**Test Date:** 07/05/2016

**Milepost:** 4 475.20 - 475.20

**State:** SD

**Location:** east edgemont

**County:** FALL RIVER

**Employee's Name:** Robin Freeze

**PARS Number:** SINS0167

**Conditions Key**

- C = Test completed, condition left in compliance.
- R = Replacements made (identified in associated comments), test completed, and condition left in compliance.
- V = Visual inspection completed, condition left in compliance.
- NT = The equipment was not tested in this inspection
- N = No inspection required. The given relay does not require inspection at this time.

**Relay Tests (FRA 234.263, 236.106)**

Shelf Name	Relay Name	Tested	Condition
RACK 2G	1E-BKR	0	N
<b>Relay</b> PN-150B (N322500-701 / 4A1)	<b>Serial No.</b> L803155	<b>Type (Drawing/Catalog No.)</b> PN-150B (N322500-701 / 4A1)	<b>Resistance</b> 400
<b>Contacts</b> 6FB			
RACK 2G	1E-TR	0	N
<b>Relay</b> PN-150B (N322500-701 / 4A1)	<b>Serial No.</b> L794445	<b>Type (Drawing/Catalog No.)</b> PN-150B (N322500-701 / 4A1)	<b>Resistance</b> 400
<b>Contacts</b> 6FB			
RACK 2G	OSTR	0	N
<b>Relay</b> PN-150BTR (322501-702)	<b>Serial No.</b> L789462	<b>Type (Drawing/Catalog No.)</b> PN-150BTR (322501-702)	<b>Resistance</b> 4
<b>Contacts</b> 6F-6B			
RACK 2G	OSTP-THR	0	N
<b>Relay</b> PT-150 (322518-005)	<b>Serial No.</b> L778687	<b>Type (Drawing/Catalog No.)</b> PT-150 (322518-005)	<b>Resistance</b>
<b>Contacts</b> 1F-1CB			
RACK 2G	OSTPR	0	N
<b>Relay</b> PN-250B (N322554-701 / 4A1)	<b>Serial No.</b> L803079	<b>Type (Drawing/Catalog No.)</b> PN-250B (N322554-701 / 4A1)	<b>Resistance</b> 250 (500/500 parallel)
<b>Contacts</b> 6FB-6F-3B			
RACK 2G	OSTPPR	0	N
<b>Relay</b> PN-150B (N322500-701 / 4A1)	<b>Serial No.</b> L793461	<b>Type (Drawing/Catalog No.)</b> PN-150B (N322500-701 / 4A1)	<b>Resistance</b> 400
<b>Contacts</b> 6FB			
RACK 2G	POR	0	N
<b>Relay</b> PN-150P (322508-702-002)	<b>Serial No.</b> 1281980	<b>Type (Drawing/Catalog No.)</b> PN-150P (322508-702-002)	<b>Resistance</b> 240
<b>Contacts</b> 4F-4BHD			



<b>Shelf Name</b> RACK 2F	<b>Relay Name</b> 1W-BKR	<b>Tested</b> 0	<b>Condition</b> N		
<b>Relay</b> PN-150B (N322500-701 / 4A1)	<b>Serial No.</b> L793456	<b>Type (Drawing/Catalog No.)</b> PN-150B (N322500-701 / 4A1)		<b>Resistance</b> 400	<b>Contacts</b> 6FB
<b>Shelf Name</b> RACK 2F	<b>Relay Name</b> P-TR	<b>Tested</b> 0	<b>Condition</b> N		
<b>Relay</b> PN-150BTR (322501-701)	<b>Serial No.</b> L769753	<b>Type (Drawing/Catalog No.)</b> PN-150BTR (322501-701)		<b>Resistance</b> 1	<b>Contacts</b> 6F-6B
<b>Shelf Name</b> RACK 2F	<b>Relay Name</b> 1W-TR	<b>Tested</b> 0	<b>Condition</b> N		
<b>Relay</b> PN-150B (N322500-701 / 4A1)	<b>Serial No.</b> L753231	<b>Type (Drawing/Catalog No.)</b> PN-150B (N322500-701 / 4A1)		<b>Resistance</b> 400	<b>Contacts</b> 6FB
<b>Shelf Name</b> RACK 2F	<b>Relay Name</b> OSA-TR	<b>Tested</b> 0	<b>Condition</b> N		
<b>Relay</b> PN-150BTR (322501-702)	<b>Serial No.</b> L814380	<b>Type (Drawing/Catalog No.)</b> PN-150BTR (322501-702)		<b>Resistance</b> 4	<b>Contacts</b> 6F-6B
<b>Shelf Name</b> RACK 2E	<b>Relay Name</b> 1LR	<b>Tested</b> 0	<b>Condition</b> N		
<b>Relay</b> PN-150B (N322500-701 / 4A1)	<b>Serial No.</b> L802432	<b>Type (Drawing/Catalog No.)</b> PN-150B (N322500-701 / 4A1)		<b>Resistance</b> 400	<b>Contacts</b> 6FB
<b>Shelf Name</b> RACK 2E	<b>Relay Name</b> 1LSR	<b>Tested</b> 0	<b>Condition</b> N		
<b>Relay</b> PN-150B (N322500-701 / 4A1)	<b>Serial No.</b> L793457	<b>Type (Drawing/Catalog No.)</b> PN-150B (N322500-701 / 4A1)		<b>Resistance</b> 400	<b>Contacts</b> 6FB
<b>Shelf Name</b> RACK 2E	<b>Relay Name</b> 1E-ASR	<b>Tested</b> 0	<b>Condition</b> N		
<b>Relay</b> PN-150B (N322500-701 / 4A1)	<b>Serial No.</b> L803289	<b>Type (Drawing/Catalog No.)</b> PN-150B (N322500-701 / 4A1)		<b>Resistance</b> 400	<b>Contacts</b> 6FB
<b>Shelf Name</b> RACK 2E	<b>Relay Name</b> 1W-ASR	<b>Tested</b> 0	<b>Condition</b> N		
<b>Relay</b> PN-150B (N322500-701 / 4A1)	<b>Serial No.</b> L804645	<b>Type (Drawing/Catalog No.)</b> PN-150B (N322500-701 / 4A1)		<b>Resistance</b> 400	<b>Contacts</b> 6FB
<b>Shelf Name</b> RACK 2E	<b>Relay Name</b> 1ASPR	<b>Tested</b> 0	<b>Condition</b> N		
<b>Relay</b> PN-150B (N322500-701 / 4A1)	<b>Serial No.</b> L793522	<b>Type (Drawing/Catalog No.)</b> PN-150B (N322500-701 / 4A1)		<b>Resistance</b> 400	<b>Contacts</b> 6FB
<b>Shelf Name</b> RACK 2E	<b>Relay Name</b> 1TER	<b>Tested</b> 0	<b>Condition</b> N		
<b>Relay</b> PN-150T (322523-308)	<b>Serial No.</b> L816896	<b>Type (Drawing/Catalog No.)</b> PN-150T (322523-308)		<b>Resistance</b>	<b>Contacts</b> 3F
<b>Shelf Name</b> RACK 2D	<b>Relay Name</b> 1-WR	<b>Tested</b> 07/05/2016	<b>Condition</b> C		
<b>Relay</b> PP-151 (322516-001)	<b>Serial No.</b> L815449	<b>Type (Drawing/Catalog No.)</b> PP-151 (322516-001)		<b>Resistance</b> 240	<b>Contacts</b> 6NR
	<b>Polar Normal Pickup</b> 0.0239 A DC		<b>Polar Normal Working</b> 0.0239 A DC	<b>Polar Reverse Pickup</b> 0.0219 A DC	<b>Polar Reverse Working</b> 0.0219 A DC
<b>Shelf Name</b> RACK 2D	<b>Relay Name</b> 1-OR	<b>Tested</b> 0	<b>Condition</b> N		
<b>Relay</b> PN-150SO (322512-002)	<b>Serial No.</b> L806579	<b>Type (Drawing/Catalog No.)</b> PN-150SO (322512-002)		<b>Resistance</b> 0.039	<b>Contacts</b> 1B-1C

<b>Shelf Name</b> RACK 2D	<b>Relay Name</b> 1-WRPR	<b>Tested</b> 0	<b>Condition</b> N		
<b>Relay</b> PN-150BM (322517-001)	<b>Serial No.</b> L797150	<b>Type (Drawing/Catalog No.)</b> PN-150BM (322517-001)		<b>Resistance</b> 240	<b>Contacts</b> 2FMHD
<b>Shelf Name</b> RACK 2D	<b>Relay Name</b> 1E-ASPR	<b>Tested</b> 0	<b>Condition</b> N		
<b>Relay</b> PN-150B (N322500-701 / 4A1)	<b>Serial No.</b> L796869	<b>Type (Drawing/Catalog No.)</b> PN-150B (N322500-701 / 4A1)		<b>Resistance</b> 400	<b>Contacts</b> 6FB
<b>Shelf Name</b> RACK 2D	<b>Relay Name</b> 1NWCR	<b>Tested</b> 0	<b>Condition</b> N		
<b>Relay</b> PN-250B (N322554-701 / 4A1)	<b>Serial No.</b> L810747	<b>Type (Drawing/Catalog No.)</b> PN-250B (N322554-701 / 4A1)		<b>Resistance</b> 250 (500/500 parallel)	<b>Contacts</b> 6FB-6F-3B
<b>Shelf Name</b> RACK 2D	<b>Relay Name</b> 1RWCR	<b>Tested</b> 0	<b>Condition</b> N		
<b>Relay</b> PN-250B (N322554-701 / 4A1)	<b>Serial No.</b> L803072	<b>Type (Drawing/Catalog No.)</b> PN-250B (N322554-701 / 4A1)		<b>Resistance</b> 250 (500/500 parallel)	<b>Contacts</b> 6FB-6F-3B
<b>Shelf Name</b> RACK 1F	<b>Relay Name</b> 1E-HR	<b>Tested</b> 0	<b>Condition</b> N		
<b>Relay</b> PN-150B (N322500-701 / 4A1)	<b>Serial No.</b> L803266	<b>Type (Drawing/Catalog No.)</b> PN-150B (N322500-701 / 4A1)		<b>Resistance</b> 400	<b>Contacts</b> 6FB
<b>Shelf Name</b> RACK 1F	<b>Relay Name</b> 1E-PCR	<b>Tested</b> 0	<b>Condition</b> N		
<b>Relay</b> PN-150BSR (N322503-701 / 4A3)	<b>Serial No.</b> L811679	<b>Type (Drawing/Catalog No.)</b> PN-150BSR (N322503-701 / 4A3)		<b>Resistance</b> 100	<b>Contacts</b> 6F-6B
<b>Shelf Name</b> RACK 1F	<b>Relay Name</b> 1E-DR	<b>Tested</b> 0	<b>Condition</b> N		
<b>Relay</b> PN-150B (N322500-701 / 4A1)	<b>Serial No.</b> L793251	<b>Type (Drawing/Catalog No.)</b> PN-150B (N322500-701 / 4A1)		<b>Resistance</b> 400	<b>Contacts</b> 6FB
<b>Shelf Name</b> RACK 1F	<b>Relay Name</b> 1E-FYR	<b>Tested</b> 0	<b>Condition</b> N		
<b>Relay</b> PN-150B (N322500-701 / 4A1)	<b>Serial No.</b> L793452	<b>Type (Drawing/Catalog No.)</b> PN-150B (N322500-701 / 4A1)		<b>Resistance</b> 400	<b>Contacts</b> 6FB
<b>Shelf Name</b> RACK 1F	<b>Relay Name</b> SMKR	<b>Tested</b> 0	<b>Condition</b> N		
<b>Relay</b> PN-150B (N322500-701 / 4A1)	<b>Serial No.</b> 2480908	<b>Type (Drawing/Catalog No.)</b> PN-150B (N322500-701 / 4A1)		<b>Resistance</b> 400	<b>Contacts</b> 6FB
<b>Shelf Name</b> RACK 1F	<b>Relay Name</b> EAR	<b>Tested</b> 0	<b>Condition</b> N		
<b>Relay</b> PN-150B (N322500-701 / 4A1)	<b>Serial No.</b> L796679	<b>Type (Drawing/Catalog No.)</b> PN-150B (N322500-701 / 4A1)		<b>Resistance</b> 400	<b>Contacts</b> 6FB
<b>Shelf Name</b> RACK 1F	<b>Relay Name</b> WAR	<b>Tested</b> 0	<b>Condition</b> N		
<b>Relay</b> PN-150B (N322500-701 / 4A1)	<b>Serial No.</b> L934973	<b>Type (Drawing/Catalog No.)</b> PN-150B (N322500-701 / 4A1)		<b>Resistance</b> 400	<b>Contacts</b> 6FB

<b>Shelf Name</b> RACK 1E	<b>Relay Name</b> 1W-DR	<b>Tested</b> 0	<b>Condition</b> N		
<b>Relay</b> PN-150B (N322500-701 / 4A1)	<b>Serial No.</b> 1980590	<b>Type (Drawing/Catalog No.)</b> PN-150B (N322500-701 / 4A1)		<b>Resistance</b> 400	<b>Contacts</b> 6FB
<b>Shelf Name</b> RACK 1E	<b>Relay Name</b> 1W-FYR	<b>Tested</b> 0	<b>Condition</b> N		
<b>Relay</b> PN-150B (N322500-701 / 4A1)	<b>Serial No.</b> L924803	<b>Type (Drawing/Catalog No.)</b> PN-150B (N322500-701 / 4A1)		<b>Resistance</b> 400	<b>Contacts</b> 6FB
<b>Shelf Name</b> RACK 1E	<b>Relay Name</b> 1EA-HGPR	<b>Tested</b> 0	<b>Condition</b> N		
<b>Relay</b> PN-150B (N322500-701 / 4A1)	<b>Serial No.</b> 2580202	<b>Type (Drawing/Catalog No.)</b> PN-150B (N322500-701 / 4A1)		<b>Resistance</b> 400	<b>Contacts</b> 6FB
<b>Shelf Name</b> RACK 1E	<b>Relay Name</b> 1W-HR	<b>Tested</b> 0	<b>Condition</b> N		
<b>Relay</b> PN-150B (N322500-701 / 4A1)	<b>Serial No.</b> L793438	<b>Type (Drawing/Catalog No.)</b> PN-150B (N322500-701 / 4A1)		<b>Resistance</b> 400	<b>Contacts</b> 6FB
<b>Shelf Name</b> RACK 1E	<b>Relay Name</b> 1W-PCR	<b>Tested</b> 0	<b>Condition</b> N		
<b>Relay</b> PN-150BSR (N322503-701 / 4A3)	<b>Serial No.</b> L811661	<b>Type (Drawing/Catalog No.)</b> PN-150BSR (N322503-701 / 4A3)		<b>Resistance</b> 100	<b>Contacts</b> 6F-6B
<b>Shelf Name</b> RACK 1E	<b>Relay Name</b> 2W-NWPR	<b>Tested</b> 0	<b>Condition</b> N		
<b>Relay</b> PN-150B (N322500-701 / 4A1)	<b>Serial No.</b> L796961	<b>Type (Drawing/Catalog No.)</b> PN-150B (N322500-701 / 4A1)		<b>Resistance</b> 400	<b>Contacts</b> 6FB
<b>Shelf Name</b> RACK 1E	<b>Relay Name</b> 1-EOR	<b>Tested</b> 0	<b>Condition</b> N		
<b>Relay</b> PN-150F (N322530-701)	<b>Serial No.</b> B1395302	<b>Type (Drawing/Catalog No.)</b> PN-150F (N322530-701)		<b>Resistance</b> 60	<b>Contacts</b> 6FB
<b>Shelf Name</b> RACK 1D	<b>Relay Name</b> 1EA-HGR	<b>Tested</b> 0	<b>Condition</b> N		
<b>Relay</b> PN-150B (N322500-701 / 4A1)	<b>Serial No.</b> L803286	<b>Type (Drawing/Catalog No.)</b> PN-150B (N322500-701 / 4A1)		<b>Resistance</b> 400	<b>Contacts</b> 6FB
<b>Shelf Name</b> RACK 1D	<b>Relay Name</b> 1EA-LOR	<b>Tested</b> 0	<b>Condition</b> N		
<b>Relay</b> PN-150BL (322510-003)	<b>Serial No.</b> L827406	<b>Type (Drawing/Catalog No.)</b> PN-150BL (322510-003)		<b>Resistance</b> 175	<b>Contacts</b> 3FB
<b>Shelf Name</b> RACK 1D	<b>Relay Name</b> 1EB-HGPR	<b>Tested</b> 0	<b>Condition</b> N		
<b>Relay</b> PN-150B (N322500-701 / 4A1)	<b>Serial No.</b> L793523	<b>Type (Drawing/Catalog No.)</b> PN-150B (N322500-701 / 4A1)		<b>Resistance</b> 400	<b>Contacts</b> 6FB
<b>Shelf Name</b> RACK 1D	<b>Relay Name</b> 1EB-HGR	<b>Tested</b> 0	<b>Condition</b> N		
<b>Relay</b> PN-150B (N322500-701 / 4A1)	<b>Serial No.</b> L793534	<b>Type (Drawing/Catalog No.)</b> PN-150B (N322500-701 / 4A1)		<b>Resistance</b> 400	<b>Contacts</b> 6FB
<b>Shelf Name</b> RACK 1D	<b>Relay Name</b> 1EB-LOR	<b>Tested</b> 0	<b>Condition</b> N		
<b>Relay</b> PN-150BL (322510-903)	<b>Serial No.</b> L940894	<b>Type (Drawing/Catalog No.)</b> PN-150BL (322510-903)		<b>Resistance</b> 175	<b>Contacts</b> 3FB

<b>Shelf Name</b> RACK 1D	<b>Relay Name</b> 2E-PCR	<b>Tested</b> 0	<b>Condition</b> N		
<b>Relay</b> PN-150BSR (N322503-701 / 4A3)	<b>Serial No.</b> L582170	<b>Type (Drawing/Catalog No.)</b> PN-150BSR (N322503-701 / 4A3)		<b>Resistance</b> 100	<b>Contacts</b> 6F-6B
<b>Shelf Name</b> RACK 1D	<b>Relay Name</b> 2-EOR	<b>Tested</b> 0	<b>Condition</b> N		
<b>Relay</b> PN-150F (N322530-701)	<b>Serial No.</b> B1395318	<b>Type (Drawing/Catalog No.)</b> PN-150F (N322530-701)		<b>Resistance</b> 60	<b>Contacts</b> 6FB
<b>Shelf Name</b> RACK 1C	<b>Relay Name</b> 1WA-HGR	<b>Tested</b> 0	<b>Condition</b> N		
<b>Relay</b> PN-150B (N322500-701 / 4A1)	<b>Serial No.</b> L802365	<b>Type (Drawing/Catalog No.)</b> PN-150B (N322500-701 / 4A1)		<b>Resistance</b> 400	<b>Contacts</b> 6FB
<b>Shelf Name</b> RACK 1C	<b>Relay Name</b> 1WA-LOR	<b>Tested</b> 0	<b>Condition</b> N		
<b>Relay</b> PN-150BL (322510-003)	<b>Serial No.</b> L809029	<b>Type (Drawing/Catalog No.)</b> PN-150BL (322510-003)		<b>Resistance</b> 175	<b>Contacts</b> 3FB
<b>Shelf Name</b> RACK 1C	<b>Relay Name</b> 1W-HGPR	<b>Tested</b> 0	<b>Condition</b> N		
<b>Relay</b> PN-150B (N322500-701 / 4A1)	<b>Serial No.</b> 2580256	<b>Type (Drawing/Catalog No.)</b> PN-150B (N322500-701 / 4A1)		<b>Resistance</b> 400	<b>Contacts</b> 6FB
<b>Shelf Name</b> RACK 1C	<b>Relay Name</b> 1WB-HGR	<b>Tested</b> 0	<b>Condition</b> N		
<b>Relay</b> PN-150B (N322500-701 / 4A1)	<b>Serial No.</b> L840587	<b>Type (Drawing/Catalog No.)</b> PN-150B (N322500-701 / 4A1)		<b>Resistance</b> 400	<b>Contacts</b> 6FB
<b>Shelf Name</b> RACK 1C	<b>Relay Name</b> 1WB-LOR	<b>Tested</b> 0	<b>Condition</b> N		
<b>Relay</b> PN-150BL (322510-003)	<b>Serial No.</b> L808928	<b>Type (Drawing/Catalog No.)</b> PN-150BL (322510-003)		<b>Resistance</b> 175	<b>Contacts</b> 3FB
<b>Shelf Name</b> RACK 1C	<b>Relay Name</b> 2W-LOR	<b>Tested</b> 0	<b>Condition</b> N		
<b>Relay</b> PN-150BL (322510-003)	<b>Serial No.</b> L826673	<b>Type (Drawing/Catalog No.)</b> PN-150BL (322510-003)		<b>Resistance</b> 175	<b>Contacts</b> 3FB
<b>Shelf Name</b> RACK 1C	<b>Relay Name</b> 2EA-LOR	<b>Tested</b> 0	<b>Condition</b> N		
<b>Relay</b> PN-150BL (322510-003)	<b>Serial No.</b> L808927	<b>Type (Drawing/Catalog No.)</b> PN-150BL (322510-003)		<b>Resistance</b> 175	<b>Contacts</b> 3FB
<b>Shelf Name</b> RACK 1C	<b>Relay Name</b> 2E-DR	<b>Tested</b> 0	<b>Condition</b> N		
<b>Relay</b> PN-150B (N322500-701 / 4A1)	<b>Serial No.</b> 2580255	<b>Type (Drawing/Catalog No.)</b> PN-150B (N322500-701 / 4A1)		<b>Resistance</b> 400	<b>Contacts</b> 6FB
<b>Shelf Name</b> RACK 1C	<b>Relay Name</b> 2W-SR	<b>Tested</b> 0	<b>Condition</b> N		
<b>Relay</b> PN-150B (N322500-701 / 4A1)	<b>Serial No.</b> L804655	<b>Type (Drawing/Catalog No.)</b> PN-150B (N322500-701 / 4A1)		<b>Resistance</b> 400	<b>Contacts</b> 6FB
<b>Shelf Name</b> RACK 1C	<b>Relay Name</b> 2E-SR	<b>Tested</b> 0	<b>Condition</b> N		
<b>Relay</b> PN-150B (N322500-701 / 4A1)	<b>Serial No.</b> L803217	<b>Type (Drawing/Catalog No.)</b> PN-150B (N322500-701 / 4A1)		<b>Resistance</b> 400	<b>Contacts</b> 6FB

<b>Shelf Name</b> RACK 1B	<b>Relay Name</b> 2E-TR	<b>Tested</b> 0	<b>Condition</b> N		
<b>Relay</b> PN-150B (N322500-701 / 4A1)	<b>Serial No.</b> L751635	<b>Type (Drawing/Catalog No.)</b> PN-150B (N322500-701 / 4A1)		<b>Resistance</b> 400	<b>Contacts</b> 6FB
<b>Shelf Name</b> RACK 1B	<b>Relay Name</b> 2W-TR	<b>Tested</b> 0	<b>Condition</b> N		
<b>Relay</b> PN-150B (N322500-701 / 4A1)	<b>Serial No.</b> L957397	<b>Type (Drawing/Catalog No.)</b> PN-150B (N322500-701 / 4A1)		<b>Resistance</b> 400	<b>Contacts</b> 6FB
<b>Shelf Name</b> RACK 1B	<b>Relay Name</b> 2E-HR	<b>Tested</b> 0	<b>Condition</b> N		
<b>Relay</b> PN-150B (N322500-701 / 4A1)	<b>Serial No.</b> L793467	<b>Type (Drawing/Catalog No.)</b> PN-150B (N322500-701 / 4A1)		<b>Resistance</b> 400	<b>Contacts</b> 6FB
<b>Shelf Name</b> RACK 1B	<b>Relay Name</b> 2E-HPR	<b>Tested</b> 0	<b>Condition</b> N		
<b>Relay</b> PN-150BSR (N322503-701 / 4A3)	<b>Serial No.</b> L812811	<b>Type (Drawing/Catalog No.)</b> PN-150BSR (N322503-701 / 4A3)		<b>Resistance</b> 100	<b>Contacts</b> 6F-6B
<b>Shelf Name</b> RACK 1B	<b>Relay Name</b> 2E-FYR	<b>Tested</b> 0	<b>Condition</b> N		
<b>Relay</b> PN-150B (N322500-701 / 4A1)	<b>Serial No.</b> L802385	<b>Type (Drawing/Catalog No.)</b> PN-150B (N322500-701 / 4A1)		<b>Resistance</b> 400	<b>Contacts</b> 6FB
<b>Shelf Name</b> RACK 1B	<b>Relay Name</b> 2W-HR	<b>Tested</b> 0	<b>Condition</b> N		
<b>Relay</b> PN-150B (N322500-701 / 4A1)	<b>Serial No.</b> L824700	<b>Type (Drawing/Catalog No.)</b> PN-150B (N322500-701 / 4A1)		<b>Resistance</b> 400	<b>Contacts</b> 6FB
<b>Shelf Name</b> RACK 1B	<b>Relay Name</b> 2W-HPR	<b>Tested</b> 0	<b>Condition</b> N		
<b>Relay</b> PN-150BSR (N322503-701 / 4A3)	<b>Serial No.</b> L811723	<b>Type (Drawing/Catalog No.)</b> PN-150BSR (N322503-701 / 4A3)		<b>Resistance</b> 100	<b>Contacts</b> 6F-6B
<b>Shelf Name</b> RACK 1B	<b>Relay Name</b> 2W-FYR	<b>Tested</b> 0	<b>Condition</b> N		
<b>Relay</b> PN-150B (N322500-701 / 4A1)	<b>Serial No.</b> L793238	<b>Type (Drawing/Catalog No.)</b> PN-150B (N322500-701 / 4A1)		<b>Resistance</b> 400	<b>Contacts</b> 6FB
<b>Shelf Name</b> RACK 1B	<b>Relay Name</b> 2W-DR	<b>Tested</b> 0	<b>Condition</b> N		
<b>Relay</b> PN-150B (N322500-701 / 4A1)	<b>Serial No.</b> L793531	<b>Type (Drawing/Catalog No.)</b> PN-150B (N322500-701 / 4A1)		<b>Resistance</b> 400	<b>Contacts</b> 6FB
<b>Shelf Name</b> RACK 1B	<b>Relay Name</b> 2W-PCR	<b>Tested</b> 0	<b>Condition</b> N		
<b>Relay</b> PN-150BSR (N322503-701 / 4A3)	<b>Serial No.</b> L811696	<b>Type (Drawing/Catalog No.)</b> PN-150BSR (N322503-701 / 4A3)		<b>Resistance</b> 100	<b>Contacts</b> 6F-6B



# Inspection Report - Insulation Tests & Inspections

<b>Division:</b> POWDER RIVER	<b>Asset ID:</b> 064881R
<b>Subdivision:</b> BUTTE	<b>Test Date:</b> 04/30/2007
<b>Milepost (with Line Segment):</b> 4 475.23 - 475.23	<b>State:</b> SD
<b>Location / Highway Name:</b> (SD 471)	
<b>County:</b> FALL RIVER	
<b>Employee's Name:</b> John Dexter (jdexter)	<b>PARS Number:</b> SINS0168

**Conditions Master Key**

C = Test completed, condition left in compliance. Indicates that all wires in trunking and cable measured 500K Ohms and above.  
A = Annual test required; insulation resistance between 500K and 200K Ohms. Prompt action shall be taken to remedy condition.  
R = Repairs and/or Replacements made (identified in associated comments), test completed, and condition left in compliance.  
NT = The equipment was not tested in this inspection.  
N = No inspection required. This is an annual re-inspection of a different conductor.

Insulation Tests (FRA 234.267, 236.108)					
Cable Type	Conductors	Wire Size	Run From	Run To	Cond.
Underground	5	14	HOUSE	SIG. 1	C
Underground	3	6	HOUSE	SIG. 1	C
Underground	3	6	HOUSE	SIG. 1	C
Underground	5	14	HOUSE	SIG. 2	C
Underground	3	6	HOUSE	SIG. 2	C
Underground	3	6	HOUSE	SIG. 2	C



# Inspection Report - Relay Tests & Inspections

<b>Division:</b> POWDER RIVER	<b>Asset ID:</b> 064881R
<b>Subdivision:</b> BUTTE	<b>Test Date:</b> 05/07/2007
<b>Milepost (with Line Segment):</b> 4 475.23 - 475.23	<b>State:</b> SD
<b>Location / Highway Name:</b> (SD 471)	
<b>County:</b> FALL RIVER	
<b>Employee's Name:</b> Daryll Hays (dhays)	<b>PARS Number:</b> SINS0167

**Conditions Master Key**

- C = Test completed, condition left in compliance.
- R = Replacements made (identified in associated comments), test completed, and condition left in compliance.
- V = Visual inspection completed, condition left in compliance.
- NT = The equipment was not tested in this inspection.
- N = No inspection required. The given relay does not require inspection at this time.

Relay Tests (FRA 234.263, 236.106)				
Shelf Name RACK DD	Relay Name POR	Serial Number A77-L15	Condition Left C	
Relay Type (Drawing and/or Catalog Number) B1 (56001-745 GR.1 / A62-406)		Resistance (Ohms) 100/100	Contacts 6FB HD (POR)	Date Tested 05/07/2007
Neutral Dropaway 6.8000 V AC		Neutral Pickup 7.8600 V AC		Neutral Working 7.8600 V AC
Shelf Name RACK DD	Relay Name EOR	Serial Number 303633	Condition Left C	
Relay Type (Drawing and/or Catalog Number) ST (400700 / 400700)		Resistance (Ohms) 60	Contacts 4FB	Date Tested 05/07/2007
Neutral Dropaway 0.0220 A DC		Neutral Pickup 0.0630 A DC		Neutral Working 0.0630 A DC
Shelf Name RACK DD	Relay Name XR	Serial Number 43130P129	Condition Left NT	
Relay Type (Drawing and/or Catalog Number) B1 (56001-783 GR.2 / A62-277)		Resistance (Ohms) 500	Contacts 4FB-2F-1B	Date Tested Not Tested
Shelf Name RACK DD	Relay Name XRP	Serial Number 0316239	Condition Left NT	
Relay Type (Drawing and/or Catalog Number) ST (400021 / 400021)		Resistance (Ohms) 200	Contacts 2B HD, 2FB	Date Tested Not Tested
Shelf Name RACK DD	Relay Name XGR	Serial Number 300695	Condition Left NT	
Relay Type (Drawing and/or Catalog Number) ST (400200 / 400200)		Resistance (Ohms) 194	Contacts 4FB	Date Tested Not Tested
Shelf Name RACK DC	Relay Name 1-MDR	Serial Number 43130P029	Condition Left NT	
Relay Type (Drawing and/or Catalog Number) B1 (56001-783 GR.2 / A62-277)		Resistance (Ohms) 500	Contacts 4FB-2F-1B	Date Tested Not Tested
Shelf Name RACK DC	Relay Name 2-MDR	Serial Number 43130P128	Condition Left NT	
Relay Type (Drawing and/or Catalog Number) B1 (56001-783 GR.2 / A62-277)		Resistance (Ohms) 500	Contacts 4FB-2F-1B	Date Tested Not Tested
Shelf Name RACK DC	Relay Name 3-MDR	Serial Number 43130P041	Condition Left NT	
Relay Type (Drawing and/or Catalog Number) B1 (56001-783 GR.2 / A62-277)		Resistance (Ohms) 500	Contacts 4FB-2F-1B	Date Tested Not Tested
Shelf Name RACK DC	Relay Name 1HXP-ISL	Serial Number 8245009	Condition Left NT	
Relay Type (Drawing and/or Catalog Number) ST (400502 / 400502)		Resistance (Ohms) 500	Contacts 4FB-2F-1B	Date Tested Not Tested
Shelf Name GATE MECH. 1	Relay Name 1 GATE MCR	Serial Number L326274	Condition Left NT	
Relay Type (Drawing and/or Catalog Number) DN-22E (UN290333)		Resistance (Ohms) 160	Contacts 2F-2B SHD	Date Tested Not Tested
Shelf Name GATE MECH. 2	Relay Name 2 GATE MCR	Serial Number H77H66	Condition Left NT	
Relay Type (Drawing and/or Catalog Number) K2 (53000-285 GR.70 / A65-345)		Resistance (Ohms) 280	Contacts 2FB	Date Tested Not Tested



# Inspection Report - Relay Tests & Inspections

<b>Division:</b> POWDER RIVER	<b>Asset ID:</b> 064881R
<b>Subdivision:</b> BUTTE	<b>Test Date:</b> 07/19/2010
<b>Milepost (with Line Segment):</b> 4 475.23 - 475.23	<b>State:</b> SD
<b>Location / Highway Name:</b> (SD 471)	
<b>County:</b> FALL RIVER	
<b>Employee's Name:</b> Daryll Hays (dhays)	<b>PARS Number:</b> SINS0167

**Conditions Master Key**

- C = Test completed, condition left in compliance.
- R = Replacements made (identified in associated comments), test completed, and condition left in compliance.
- V = Visual inspection completed, condition left in compliance.
- NT = The equipment was not tested in this inspection.
- N = No inspection required. The given relay does not require inspection at this time.

Relay Tests (FRA 234.263, 236.106)				
Shelf Name RACK DD	Relay Name POR	Serial Number A77-L15	Condition Left C	
Relay Type (Drawing and/or Catalog Number) B1 (56001-745 GR.1 / A62-406)		Resistance (Ohms) 100/100	Contacts 6FB HD (POR)	Date Tested 07/19/2010
Neutral Dropaway 6.3000 V AC		Neutral Pickup 7.8000 V AC		Neutral Working 7.8000 V AC
Shelf Name RACK DD	Relay Name EOR	Serial Number 303633	Condition Left C	
Relay Type (Drawing and/or Catalog Number) ST (400700 / 400700)		Resistance (Ohms) 60	Contacts 4FB	Date Tested 07/19/2010
Neutral Dropaway 0.0220 A DC		Neutral Pickup 0.0540 A DC		Neutral Working 0.0540 A DC
Shelf Name RACK DD	Relay Name XR	Serial Number 43130P129	Condition Left C	
Relay Type (Drawing and/or Catalog Number) B1 (56001-783 GR.2 / A62-277)		Resistance (Ohms) 500	Contacts 4FB-2F-1B	Date Tested 07/19/2010
Neutral Dropaway 0.0069 A DC		Neutral Pickup 0.0113 A DC		Neutral Working 0.0113 A DC
Shelf Name RACK DD	Relay Name XRP	Serial Number 0316239	Condition Left C	
Relay Type (Drawing and/or Catalog Number) ST (400021 / 400021)		Resistance (Ohms) 200	Contacts 2B HD, 2FB	Date Tested 07/19/2010
Neutral Dropaway 0.0070 A DC		Neutral Pickup 0.0189 A DC		Neutral Working 0.0189 A DC
Shelf Name RACK DD	Relay Name XGR	Serial Number 300695	Condition Left C	
Relay Type (Drawing and/or Catalog Number) ST (400200 / 400200)		Resistance (Ohms) 194	Contacts 4FB	Date Tested 07/19/2010
Neutral Dropaway 0.0070 A DC		Neutral Pickup 0.0260 A DC		Neutral Working 0.0260 A DC
Shelf Name RACK DC	Relay Name 1-MDR	Serial Number 43130P029	Condition Left C	
Relay Type (Drawing and/or Catalog Number) B1 (56001-783 GR.2 / A62-277)		Resistance (Ohms) 500	Contacts 4FB-2F-1B	Date Tested 07/19/2010
Neutral Dropaway 0.0062 A DC		Neutral Pickup 0.0111 A DC		Neutral Working 0.0111 A DC
Shelf Name RACK DC	Relay Name 2-MDR	Serial Number 43130P128	Condition Left C	
Relay Type (Drawing and/or Catalog Number) B1 (56001-783 GR.2 / A62-277)		Resistance (Ohms) 500	Contacts 4FB-2F-1B	Date Tested 07/19/2010
Neutral Dropaway 0.0068 A DC		Neutral Pickup 0.0115 A DC		Neutral Working 0.0115 A DC
Shelf Name RACK DC	Relay Name 3-MDR	Serial Number 43130P041	Condition Left C	
Relay Type (Drawing and/or Catalog Number) B1 (56001-783 GR.2 / A62-277)		Resistance (Ohms) 500	Contacts 4FB-2F-1B	Date Tested 07/19/2010
Neutral Dropaway 0.0074 A DC		Neutral Pickup 0.0110 A DC		Neutral Working 0.0110 A DC
Shelf Name RACK DC	Relay Name 1HXP-ISL	Serial Number 8245009	Condition Left C	
Relay Type (Drawing and/or Catalog Number) ST (400502 / 400502)		Resistance (Ohms) 500	Contacts 4FB-2F-1B	Date Tested 07/19/2010
Neutral Dropaway 0.0062 A DC		Neutral Pickup 0.0106 A DC		Neutral Working 0.0106 A DC





# Inspection Report - Relay Tests & Inspections

<b>Division:</b> POWDER RIVER	<b>Asset ID:</b> 064881R
<b>Subdivision:</b> BUTTE	<b>Test Date:</b> 11/15/2011
<b>Milepost (with Line Segment):</b> 4 475.23 - 475.23	<b>State:</b> SD
<b>Location / Highway Name:</b> (SD 471)	
<b>County:</b> FALL RIVER	
<b>Employee's Name:</b> Bryant Quick (bquick)	<b>PARS Number:</b> SINS0251

**Conditions Master Key**

- C = Test completed, condition left in compliance.
- R = Replacements made (identified in associated comments), test completed, and condition left in compliance.
- V = Visual inspection completed, condition left in compliance.
- NT = The equipment was not tested in this inspection.
- N = No inspection required. The given relay does not require inspection at this time.

Relay Tests (FRA 234.263, 236.106)			
Shelf Name RACK DD	Relay Name XGR	Serial Number 300695	Condition Left NT
Relay Type (Drawing and/or Catalog Number) ST (400200 / 400200)		Resistance (Ohms) 194	Contacts 4FB Date Tested Not Tested
Shelf Name RACK DD	Relay Name EOR	Serial Number 303633	Condition Left NT
Relay Type (Drawing and/or Catalog Number) ST (400700 / 400700)		Resistance (Ohms) 60	Contacts 4FB Date Tested Not Tested
Shelf Name RACK DD	Relay Name XR	Serial Number 43130P129	Condition Left NT
Relay Type (Drawing and/or Catalog Number) B1 (56001-783 GR.2 / A62-277)		Resistance (Ohms) 500	Contacts 4FB-2F-1B Date Tested Not Tested
Shelf Name RACK DD	Relay Name XRP	Serial Number 0316239	Condition Left NT
Relay Type (Drawing and/or Catalog Number) ST (400021 / 400021)		Resistance (Ohms) 200	Contacts 2B HD, 2FB Date Tested Not Tested
Shelf Name RACK DD	Relay Name POR	Serial Number A77-L15	Condition Left NT
Relay Type (Drawing and/or Catalog Number) B1 (56001-745 GR.1 / A62-406)		Resistance (Ohms) 100/100	Contacts 6FB HD (POR) Date Tested Not Tested
Shelf Name RACK DC	Relay Name 1-MDR	Serial Number 43130P029	Condition Left NT
Relay Type (Drawing and/or Catalog Number) B1 (56001-783 GR.2 / A62-277)		Resistance (Ohms) 500	Contacts 4FB-2F-1B Date Tested Not Tested
Shelf Name RACK DC	Relay Name 2-MDR	Serial Number 43130P128	Condition Left NT
Relay Type (Drawing and/or Catalog Number) B1 (56001-783 GR.2 / A62-277)		Resistance (Ohms) 500	Contacts 4FB-2F-1B Date Tested Not Tested
Shelf Name RACK DC	Relay Name 3-MDR	Serial Number 43130P041	Condition Left NT
Relay Type (Drawing and/or Catalog Number) B1 (56001-783 GR.2 / A62-277)		Resistance (Ohms) 500	Contacts 4FB-2F-1B Date Tested Not Tested
Shelf Name RACK DC	Relay Name 1HXP-ISL	Serial Number 8245009	Condition Left NT
Relay Type (Drawing and/or Catalog Number) ST (400502 / 400502)		Resistance (Ohms) 500	Contacts 4FB-2F-1B Date Tested Not Tested
Shelf Name RACK DC	Relay Name 1BMDR	Serial Number 1132087	Condition Left C
Relay Type (Drawing and/or Catalog Number) ST (400004 / 400004)		Resistance (Ohms) 500	Contacts 4FB-2F-1B Date Tested 11/15/2011
Neutral Dropaway 0.0082 A DC		Neutral Pickup 0.0118 A DC	Neutral Working 0.0118 A DC
Shelf Name RACK DC	Relay Name 2AMDR	Serial Number 1131927	Condition Left C
Relay Type (Drawing and/or Catalog Number) ST (400004 / 400004)		Resistance (Ohms) 500	Contacts 4FB-2F-1B Date Tested 11/15/2011
Neutral Dropaway 0.0068 A DC		Neutral Pickup 0.0111 A DC	Neutral Working 0.0111 A DC
Shelf Name RACK DC	Relay Name 3BMDR	Serial Number 1131925	Condition Left C
Relay Type (Drawing and/or Catalog Number) ST (400004 / 400004)		Resistance (Ohms) 500	Contacts 4FB-2F-1B Date Tested 11/15/2011
Neutral Dropaway 0.0076 A DC		Neutral Pickup 0.0112 A DC	Neutral Working 0.0112 A DC



# Inspection Report - Relay Tests & Inspections

<b>Division:</b> POWDER RIVER	<b>Asset ID:</b> 064881R
<b>Subdivision:</b> BUTTE	<b>Test Date:</b> 10/25/2012
<b>Milepost (with Line Segment):</b> 4 475.23 - 475.23	<b>State:</b> SD
<b>Location / Highway Name:</b> (SD 471)	
<b>County:</b> FALL RIVER	
<b>Employee's Name:</b> Daryll Hays (dhays)	<b>PARS Number:</b> SINS0167

**Conditions Master Key**

- C = Test completed, condition left in compliance.
- R = Replacements made (identified in associated comments), test completed, and condition left in compliance.
- V = Visual inspection completed, condition left in compliance.
- NT = The equipment was not tested in this inspection.
- N = No inspection required. The given relay does not require inspection at this time.

Relay Tests (FRA 234.263, 236.106)			
Shelf Name RACK DD	Relay Name POR	Serial Number A77-L15	Condition Left NT
Relay Type (Drawing and/or Catalog Number) B1 (56001-745 GR.1 / A62-406)		Resistance (Ohms) 100/100	Contacts 6FB HD (POR) Date Tested Not Tested
Shelf Name RACK DD	Relay Name EOR	Serial Number 303633	Condition Left NT
Relay Type (Drawing and/or Catalog Number) ST (400700 / 400700)		Resistance (Ohms) 60	Contacts 4FB Date Tested Not Tested
Shelf Name RACK DD	Relay Name XR	Serial Number 43130P129	Condition Left NT
Relay Type (Drawing and/or Catalog Number) B1 (56001-783 GR.2 / A62-277)		Resistance (Ohms) 500	Contacts 4FB-2F-1B Date Tested Not Tested
Shelf Name RACK DD	Relay Name XRP	Serial Number 0311350	Condition Left R Replaced relay. Performed operational tests, no exceptions. Old Serial Number: 0316239
Relay Type (Drawing and/or Catalog Number) ST (400021 / 400021)		Resistance (Ohms) 200	Contacts 2B HD, 2FB Date Tested 10/25/2012
Neutral Dropaway 0.0070 A DC		Neutral Pickup 0.0175 A DC	Neutral Working 0.0175 A DC
Shelf Name RACK DD	Relay Name XGR	Serial Number 209158	Condition Left R Replaced relay. Performed operational tests, no exceptions. Old Serial Number: 300695
Relay Type (Drawing and/or Catalog Number) ST (400200 / 400200)		Resistance (Ohms) 194	Contacts 4FB Date Tested 10/25/2012
Neutral Dropaway 0.0060 A DC		Neutral Pickup 0.0280 A DC	Neutral Working 0.0280 A DC
Shelf Name RACK DC	Relay Name 1A-MDR	Serial Number 43130P029	Condition Left NT
Relay Type (Drawing and/or Catalog Number) B1 (56001-783 GR.2 / A62-277)		Resistance (Ohms) 500	Contacts 4FB-2F-1B Date Tested Not Tested
Shelf Name RACK DC	Relay Name 2B-MDR	Serial Number 43130P128	Condition Left NT
Relay Type (Drawing and/or Catalog Number) B1 (56001-783 GR.2 / A62-277)		Resistance (Ohms) 500	Contacts 4FB-2F-1B Date Tested Not Tested
Shelf Name RACK DC	Relay Name 3A-MDR	Serial Number 43130P041	Condition Left NT
Relay Type (Drawing and/or Catalog Number) B1 (56001-783 GR.2 / A62-277)		Resistance (Ohms) 500	Contacts 4FB-2F-1B Date Tested Not Tested
Shelf Name RACK DC	Relay Name 1HXP-ISL	Serial Number 8245009	Condition Left NT
Relay Type (Drawing and/or Catalog Number) ST (400502 / 400502)		Resistance (Ohms) 500	Contacts 4FB-2F-1B Date Tested Not Tested



# Inspection Report - Relay Tests & Inspections

<b>Division:</b> POWDER RIVER	<b>Asset ID:</b> 064881R
<b>Subdivision:</b> BUTTE	<b>Test Date:</b> 07/07/2014
<b>Milepost (with Line Segment):</b> 4 475.23 - 475.23	<b>State:</b> SD
<b>Location / Highway Name:</b> (SD 471)	
<b>County:</b> FALL RIVER	
<b>Employee's Name:</b> Daryll Hays (dhays)	<b>PARS Number:</b> SINS0167

**Conditions Master Key**

- C = Test completed, condition left in compliance.
- R = Replacements made (identified in associated comments), test completed, and condition left in compliance.
- V = Visual inspection completed, condition left in compliance.
- NT = The equipment was not tested in this inspection.
- N = No inspection required. The given relay does not require inspection at this time.

Relay Tests (FRA 234.263, 236.106)				
Shelf Name RACK DD	Relay Name POR	Serial Number A77-L15	Condition Left C	
Relay Type (Drawing and/or Catalog Number) B1 (56001-745 GR.1 / A62-406)		Resistance (Ohms) 100/100	Contacts 6FB HD (POR)	Date Tested 07/07/2014
Neutral Dropaway 6.4000 V AC		Neutral Pickup 7.8500 V AC		Neutral Working 7.8500 V AC
Shelf Name RACK DD	Relay Name EOR	Serial Number 0312676	Condition Left R Replaced EOR due to low drop away value. Performed operational tests, no exceptions. Old Serial Number: 303633	
Relay Type (Drawing and/or Catalog Number) ST (400700 / 400700)		Resistance (Ohms) 60	Contacts 4FB	Date Tested 07/07/2014
Neutral Dropaway 0.0430 A DC		Neutral Pickup 0.0680 A DC		Neutral Working 0.0680 A DC
Shelf Name RACK DD	Relay Name XR	Serial Number 43130P129	Condition Left C	
Relay Type (Drawing and/or Catalog Number) B1 (56001-783 GR.2 / A62-277)		Resistance (Ohms) 500	Contacts 4FB-2F-1B	Date Tested 07/07/2014
Neutral Dropaway 0.0069 A DC		Neutral Pickup 0.0112 A DC		Neutral Working 0.0112 A DC
Shelf Name RACK DD	Relay Name XRP	Serial Number 0311350	Condition Left C	
Relay Type (Drawing and/or Catalog Number) ST (400021 / 400021)		Resistance (Ohms) 200	Contacts 2B HD, 2FB	Date Tested 07/07/2014
Neutral Dropaway 0.0072 A DC		Neutral Pickup 0.0180 A DC		Neutral Working 0.0180 A DC
Shelf Name RACK DD	Relay Name XGR	Serial Number 209158	Condition Left C	
Relay Type (Drawing and/or Catalog Number) ST (400200 / 400200)		Resistance (Ohms) 194	Contacts 4FB	Date Tested 07/07/2014
Neutral Dropaway 0.0065 A DC		Neutral Pickup 0.0275 A DC		Neutral Working 0.0275 A DC
Shelf Name RACK DC	Relay Name 1A-MDR	Serial Number 43130P029	Condition Left C	
Relay Type (Drawing and/or Catalog Number) B1 (56001-783 GR.2 / A62-277)		Resistance (Ohms) 500	Contacts 4FB-2F-1B	Date Tested 07/07/2014
Neutral Dropaway 0.0067 A DC		Neutral Pickup 0.0114 A DC		Neutral Working 0.0114 A DC
Shelf Name RACK DC	Relay Name 2B-MDR	Serial Number 43130P128	Condition Left C	
Relay Type (Drawing and/or Catalog Number) B1 (56001-783 GR.2 / A62-277)		Resistance (Ohms) 500	Contacts 4FB-2F-1B	Date Tested 07/07/2014
Neutral Dropaway 0.0070 A DC		Neutral Pickup 0.0115 A DC		Neutral Working 0.0115 A DC
Shelf Name RACK DC	Relay Name 3A-MDR	Serial Number 43130P041	Condition Left C	
Relay Type (Drawing and/or Catalog Number) B1 (56001-783 GR.2 / A62-277)		Resistance (Ohms) 500	Contacts 4FB-2F-1B	Date Tested 07/07/2014
Neutral Dropaway 0.0072 A DC		Neutral Pickup 0.0107 A DC		Neutral Working 0.0107 A DC

**Relay Tests (FRA 234.263, 236.106)**

<b>Shelf Name</b> RACK DC	<b>Relay Name</b> 1HXP-ISL	<b>Serial Number</b> 8245009	<b>Condition Left</b> C
<b>Relay Type (Drawing and/or Catalog Number)</b> ST (400502 / 400502)		<b>Resistance (Ohms)</b> 500	<b>Contacts</b> 4FB-2F-1B
<b>Neutral Dropaway</b> 0.0062 A DC		<b>Neutral Pickup</b> 0.0105 A DC	<b>Neutral Working</b> 0.0105 A DC
<b>Shelf Name</b> RACK DC	<b>Relay Name</b> 1B-MDR	<b>Serial Number</b> 1132087	<b>Condition Left</b> C
<b>Relay Type (Drawing and/or Catalog Number)</b> ST (400004 / 400004)		<b>Resistance (Ohms)</b> 500	<b>Contacts</b> 4FB-2F-1B
<b>Neutral Dropaway</b> 0.0080 A DC		<b>Neutral Pickup</b> 0.0118 A DC	<b>Neutral Working</b> 0.0118 A DC
<b>Shelf Name</b> RACK DC	<b>Relay Name</b> 2A-MDR	<b>Serial Number</b> 1131927	<b>Condition Left</b> C
<b>Relay Type (Drawing and/or Catalog Number)</b> ST (400004 / 400004)		<b>Resistance (Ohms)</b> 500	<b>Contacts</b> 4FB-2F-1B
<b>Neutral Dropaway</b> 0.0066 A DC		<b>Neutral Pickup</b> 0.0108 A DC	<b>Neutral Working</b> 0.0108 A DC
<b>Shelf Name</b> RACK DC	<b>Relay Name</b> 3B-MDR	<b>Serial Number</b> 1131925	<b>Condition Left</b> C
<b>Relay Type (Drawing and/or Catalog Number)</b> ST (400004 / 400004)		<b>Resistance (Ohms)</b> 500	<b>Contacts</b> 4FB-2F-1B
<b>Neutral Dropaway</b> 0.0062 A DC		<b>Neutral Pickup</b> 0.0110 A DC	<b>Neutral Working</b> 0.0110 A DC



# Inspection Report - Insulation Tests & Inspections

<b>Division:</b> POWDER RIVER	<b>Asset ID:</b> BABK6KR
<b>Subdivision:</b> BUTTE	<b>Test Date:</b> 05/10/2007
<b>Milepost (with Line Segment):</b> 4 476.00 - 476.00	<b>State:</b> SD
<b>Location / Highway Name:</b> House Track	
<b>County:</b> FALL RIVER	
<b>Employee's Name:</b> Wayne Strozzi (wstrozzi)	<b>PARS Number:</b> SINS0222

**Conditions Master Key**

C = Test completed, condition left in compliance. Indicates that all wires in trunking and cable measured 500K Ohms and above.  
A = Annual test required; insulation resistance between 500K and 200K Ohms. Prompt action shall be taken to remedy condition.  
R = Repairs and/or Replacements made (identified in associated comments), test completed, and condition left in compliance.  
NT = The equipment was not tested in this inspection.  
N = No inspection required. This is an annual re-inspection of a different conductor.

Insulation Tests (FRA 234.267, 236.108)					
Cable Type	Conductors	Wire Size	Run From	Run To	Cond.
Underground	2	6	CASE	SWCC	C