

DCA-15-MR-010
Passenger Train Derailment
Philadelphia, PA
May 12, 2015

SIGNAL ATTACHMENT 37

Shore CIH 2 Relays (4) 236.102A, 105, 106

AMTRAK
INSTRUMENT RECORD

Date of Installed or Transferred	Location with designating or track number	Type or Model	Mfr	Resistance	Serial Number	Dates Tested	Date overhauled	Initial charge	Neutral				Polar				Maximum contact resistance	* Local voltage	* contact opening	Shop or field test	Inspector		
									Dropaway		Pickup		Working current or voltage		Pickup							Working current or voltage	
									Normal	Reverse	Normal	Reverse	Normal	Reverse	Normal	Reverse						Normal	Reverse
B1	1AWSR	B2	ALST	350	962745	02/06/13	2005	OK	10MA		18MA		18MA						F	WL			
B3	9ESR	B2	GRS	350	513391067	02/06/13	84	OK	10MA		18MA		18MA						F	WL			
B6	9WSR	B2	GRS	350	554261001	02/06/13	84	OK	10MA		18MA		18MA						F	WL			
C1	9WORJPR	B1	GRS	500	36153D043	02/06/13	84	OK	7MA		11MA		11MA						F	WL			
C2	98NWLSR	B1	GRS	500	H82-C64	02/06/13	82	OK	7MA		11MA		11MA						F	WL			
C3	98RWLSR	B2	GRS	350	513391025	02/06/13	89	OK	11MA		18MA		18MA						F	WL			
C5	98NWLCR	B1	GRS	350	509131010	02/06/13	89	OK	11MA		18MA		18MA						F	WL			
C7	98LSR	B1	GRS	500	36153D245	02/06/13	84	OK	7MA		11MA		11MA						F	WL			
D1	9FSLR	B1	GRS	500	37047D212	02/06/13	84	OK	7MA		11MA		11MA						F	WL			
D3	5ESR	B2	GRS	350	503051011	02/06/13	84	OK	11MA		18MA		18MA						F	WL			
D6	5WSR	B2	GRS	350	38140F032	02/06/13	84	OK	11MA		18MA		18MA						F	WL			
E2	4FWLR	B1	GRS	500	E83G93	02/06/13	84	OK	7MA		11MA		11MA						F	WL			
E3	4ESR	B2	GRS	350	509131006	02/06/13	84	OK	11MA		11MA		11MA						F	WL			
E6	4WSR	B2	GRS	350	509131020	02/06/13	84	OK	11MA		18MA		18MA						F	WL			

Distribution: White: File copy
Pink: To be retained at location of test
Yellow: To be forwarded to responsible ADE-C&S Office

[Redacted Signature]

2/6/13
Date

[Redacted Signature]
(Signed - Supervisor reviewing tests)

INSP
Title

8/11/13
Date

* Shop Test only

** Date indicates index registration plate verified for each plug-in relay.


AMTRAK
INSTRUMENT RECORD

Date of installed or Transferred	Location with designating or track number	Type or Model	Mfr	Resistance	Serial Number	Dates Tested	Date overhauled	Initial charge	Neutral				Polar				Maximum contact resistance	* Local voltage	* contact opening	Shop or field test	Inspector		
									Dropaway		Pickup		Working current or voltage		Pickup							Working current or voltage	
									Normal	Reverse	Normal	Reverse	Normal	Reverse	Normal	Reverse						Normal	Reverse
F2	3FWLR	B1	GRS	500	37047D012	02/06/13		OK	7MA		11MA		11MA						F	WL			
F3	3ESR	B2	GRS	350	513391046	02/06/13	88	OK	11MA		18MA		18MA						F	WL			
F6	3WSR	B2	GRS	350	40932F043	02/06/13	88	OK	11MA		18MA		18MA						F	WL			
G2	2FWLR	B1	GRS	500	B83-N59	02/06/13		OK	7MA		11MA		11MA						F	WL			
G3	2ESR	B2	GRS	350	513391014	02/06/13	89	OK	11MA		18MA		18MA						F	WL			
G6	2WSR	B2	GRS	350	40912F063	02/06/13	89	OK	11MA		18MA		18MA						F	WL			
H2	1FWLR	B1	GRS	500	36153D078	02/06/13	84	OK	7MA		11MA		11MA						F	WL			
H3	1ESR	B2	GRS	350	C83H13	02/06/13	84	OK	10MA		11MA		11MA						F	WL			
H6	1WSR	B2	GRS	350	503051005	02/06/13	89	OK	10MA		18MA		18MA						F	WL			

Distribution: White: File copy
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 Signature of manufacturer performing tests

2/6/13
 Date


 (Signature of responsible person)

DSP
 Title

4/11/13
 Date

* Shop Test only

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AMTRAK
INSTRUMENT RECORD

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									Dropaway		Pickup		Working current or voltage		Pickup		Working current or voltage							
									Normal	Reverse	Normal	Reverse	Normal	Reverse	Normal	Reverse	Normal	Reverse						
B1	9WASR	B2	GRS	350	40932F046	02/07/13	89	OK	11MA		18MA		18MA										F	WL
B5	9TECPR	B1	GRS	500	182140	02/07/13	89	OK	7MA		11MA		11MA										F	WL
B6	9TER	B2	ST	500	71P68L015	02/07/13	92	OK					12VD C										F	WL
B8	2WBHAFR	B1	GRS	500	36153D015	02/07/13	89	OK	7MA		11MA		11MA										F	WL
C1	98PLR	B1	GRS	500	36153D232	02/07/13	84	OK	7MA		11MA		11MA										F	WL
C2	98WLLSR	B2	GRS	350	513391030	02/07/13	89	OK	11MA		18MA		18MA										F	WL
C4	98WLFR	B1	GRS	500	182G87	02/07/13	82	OK	7MA		11MA		11MA										F	WL
C5	98WLHR	B1	GRS	500	G82L14	02/07/13	82	OK	7MA		11MA		11MA										F	WL
C6	CRHD2PR	B1	GRS	500	C83T77	02/07/13	83	OK	7MA		11MA		11MA										F	WL
C7	CRWLFSPR	B1	GRS	500	H82C98	02/07/13	82	OK	7MA		11MA		11MA										F	WL
C8	3WBHAR	B1	GRS	500	361530312	02/07/13	89	OK	7MA		11MA		11MA										F	WL
D1	6E-5EASR	B2	GRS	350	513391056	02/07/13	87	OK	11MA		18MA		18MA										F	WL
D5	5TECPR	B1	GRS	500	36153D053	02/07/13	87	OK	7MA		11MA		11MA										F	WL
D6	5TER	B1	ST	500	105986	02/07/13	91	OK	7MA		11MA		11MA										F	WL
D8	4WBHAR	B1	GRS	500	37047D098	02/07/13	89	OK	7MA		11MA		11MA										F	WL

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Yellow: To be forwarded to responsible ADE-C&S Office


Signature of maintainer performing tests

2/7/13
Date


(Sig)

INSR
Title

4/11/13
Date

* Shop Test only

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AMTRAK
INSTRUMENT RECORD

Date of Installed or Transferred	Location with designating or track number	Type or Model	Mfr	Resistance	Serial Number	Dates Tested	Date overhauled	Initial charge	Neutral						Polar				Maximum contact resistance	Local voltage	* contact opening	Shop or field test	Inspector		
									Dropaway		Pickup		Working current or voltage		Pickup		Working current or voltage								
									Normal	Reverse	Normal	Reverse	Normal	Reverse	Normal	Reverse	Normal	Reverse							
E1	4EASR	B2	GRS	350	554261002	02/07/13	89	OK	11MA		18MA		18MA											F	WL
E3	4WASR	B2	GRS	350	35389F044	02/07/13	87	OK	11MA		18MA		18MA											F	WL
E5	4TECPR	B1	GRS	500	37047D031	02/07/13	84	OK	7MA		11MA		11MA											F	WL
E6	4TER	B2	GRS	500	110801	02/07/13	92	OK					12VD C		3min	50sec								F	WL
E8	1EBHAFR	B1	GRS	500	36153D413	02/07/13	84	OK	7MA		11MA		11MA											F	WL
F1	3EASR	B2	GRS	350	554261007	02/07/13	89	OK	11MA		18MA		18MA											F	WL
F3	3WAR	B2	GRS	350	513391051	02/07/13	89	OK	11MA		18MA		18MA											F	WL
F5	3TECPR	B1	GRS	500	37047D070	02/07/13	84	OK	7MA		11MA		11MA											F	WL
F6	3TER	B2	GRS	350	309576	02/07/13	91	OK	11MA		18MA		18MA											F	WL
F8	2EBHAR	B1	GRS	500	37047D153	02/07/13	89	OK	7MA		11MA		11MA											F	WL
G1	2EASR	B2	GRS	350	513391037	02/07/13	89	OK	11MA		18MA		18MA											F	WL
G3	2WASR	B2	GRS	350	509141014	02/07/13	89	OK	11MA		18MA		18MA											F	WL
G5	2TECPR	B1	GRS	500	G83D73	02/07/13	83	OK	7MA		11MA		11MA											F	WL
G6	2TER	B2	GRS	350	9602741	02/07/13	08	OK	11MA		18MA		18MA											F	WL
G8	3EBHAR	B1	GRS	500	361533D42	02/07/13	89	OK	7MA		11MA		11MA											F	WL

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[Redacted Signature]

2/7/13
Date

[Redacted Signature]

INSP
Title

4/11/13
Date

* Shop Test only

** Date indicates index registration plate verified for each plug-in relay

AMTRAK
INSTRUMENT RECORD

Date of Installed or Transferred	Location with designating or track number	Type or Model	Mfr	Resistance	Serial Number	Dates Tested	Date overhauled	Initial charge	Neutral				Polar				Maximum contact resistance	* Local voltage	* contact opening	Shop or field test	Inspector		
									Dropaway		Pickup		Working current or voltage		Pickup							Working current or voltage	
									Normal	Reverse	Normal	Reverse	Normal	Reverse	Normal	Reverse						Normal	Reverse
H1	1EASR	B2	GRS	350	2749C030	02/07/13	87	OK	11MA		18MA		18MA						F	WL			
H3	1WASR	B2	GRS	350	554261006	02/07/13	89	OK	11MA		18MA		18MA						F	WL			
H5	1TECPR	B1	GRS	500	37047D084	02/07/13	95	OK	7MA		11MA		11MA						F	WL			
H6	1TER	B2	ST	500	104969	02/07/13	91	OK					12VD C	3min	50sec				F	WL			
H8	4EBHAFR	B1	GRS	500	36153D054	02/07/13	84	OK	7MA		11MA		11MA						F	WL			

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 (Signature) _____ (tests)

2/7/13
 Date



 (Signature) _____ (tests)

INSP
 Title

4/11/13
 Date


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Date of Installed or Transferred	Location with designating or track number	Type or Model	Mfr	Resistance	Serial Number	Dates Tested	Date overhauled	Initial charge	Neutral						Polar				Maximum contact resistance	* Local voltage	* contact opening	Shop or field test	Inspector			
									Dropaway		Pickup		Working current or voltage		Pickup		Working current or voltage									
									Normal	Reverse	Normal	Reverse	Normal	Reverse	Normal	Reverse	Normal	Reverse								
B1	2WHSR	B1	GRS	500	36153D085	02/08/13	84	OK	7MA		11MA		11MA												F	WL
B2	2WRCSR	B1	GRS	500	36153D005	02/08/13	84	OK	7MA		11MA		11MA												F	WL
B3	2WHYPR	B1	GRS	194	37270H051	02/08/13	88	OK	12MA		19MA		19MA												F	WL
B4	2WAH	B1	GRS	500	350630226	02/08/13	84	OK	7MA		11MA		11MA												F	WL
B5	2WBHAR	B1	GRS	500	H82-Q50	02/08/13	82	OK	7MA		11MA		11MA												F	WL
B6	2WADR	B1	GRS	500	H82E81	02/08/13	82	OK	7MA		11MA		11MA												F	WL
B7	2WBDR	B1	GRS	500	H82E29	02/08/13	82	OK	7MA		11MA		11MA												F	WL
B8	2WBNR	B1	GRS	500	H82P72	02/08/13	82	OK	7MA		11MA		11MA												F	WL
C1	3WHSR	B1	GRS	500	35063D163	02/08/13	84	OK	7MA		11MA		11MA												F	WL
C2	3WRCSR	B1	GRS	500	37047D030	02/08/13	84	OK	7MA		11MA		11MA												F	WL
C3	3WHYPR	B1	GRS	500	37270H056	02/08/13	88	OK	7MA		11MA		11MA												F	WL
C4	3WAH	B1	GRS	194	36153D252	02/08/13	84	OK	7MA		11MA		11MA												F	WL
C5	3WBHAR	B1	GRS	500	H82050	02/08/13	82	OK	7MA		11MA		11MA												F	WL
C6	3WADR	B1	GRS	500	182F74	02/08/13	82	OK	7MA		11MA		11MA												F	WL
C7	3WBDR	B1	GRS	500	182274	02/08/13	82	OK	7MA		11MA		11MA												F	WL
C8	3WBNR	B1	GRS	500	182-E91	02/08/13	82	OK	7MA		11MA		11MA												F	WL

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Signature of maintainer performing tests

2/8/13
Date


(Signed - Supervisor reviewing tests)

INSR
Title

4/11/13
Date

* Shop Test only

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AMTRAK
INSTRUMENT RECORD

Date of installed or Transferred	Location with designating or track number	Type or Model	Mfr	Resistance	Serial Number	Dates Tested	Date overhauled	Initial charge	Neutral				Polar				Maximum contact resistance	* Local voltage	* contact opening	Shop or field test	Inspector		
									Dropaway		Pickup		Working current or voltage		Pickup							Working current or voltage	
									Normal	Reverse	Normal	Reverse	Normal	Reverse	Normal	Reverse						Normal	Reverse
D1	4WHSR	B1	GRS	500	36153D003	02/11/13	84	OK	7MA		11MA		11MA						F	WL			
D2	4WRCSR	B1	GRS	500	36153D064	02/11/13	84	OK	7MA		11MA		11MA						F	WL			
D3	4NHYP	B1	GRS	194	37270H006	02/11/13	88	OK	11MA		19MA		19MA						F	WL			
D4	4WAH	B1	GRS	500	35063D082	02/11/13	84	OK	7MA		11MA		11MA						F	WL			
D5	4WADR	B1	GRS	500	26714C064	02/11/13	93	OK	7MA		11MA		11MA						F	WL			
D6	4WBDR	B1	GRS	500	H82R21	02/11/13	92	OK	7MA		11MA		11MA						F	WL			
D7	4WBNR	B1	GRS	500	J82Q31	02/11/13	84	OK	7MA		11MA		11MA						F	WL			
D8	4WFHSR	B1	GRS	500	35063D193	02/11/13	84	OK	7MA		11MA		11MA						F	WL			
E1	1EHSR	B1	GRS	500	36153D253	02/11/13	84	OK	7MA		11MA		11MA						F	WL			
E2	1ERCSR	B1	GRS	500	36153D349	02/11/13	84	OK	7MA		11MA		11MA						F	WL			
E3	1EHYP	B1	GRS	194	37270H028	02/11/13	88	OK	12MA		19MA		19MA						F	WL			
E4	1EAH	B1	GRS	500	37047D180	02/11/13	89	OK	7MA		11MA		11MA						F	WL			
E6	1EDR	B1	GRS	500	H82514	02/11/13	82	OK	7MA		11MA		11MA						F	WL			
E7	1EFHSR	B1	GRS	500	36153D292	02/11/13	84	OK	7MA		11MA		11MA						F	WL			
E8	1EBNR	B1	GRS	500	J8R29	02/11/13	84	OK	7MA		11MA		11MA						F	WL			

Distribution: White: File copy
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Signature of maintainer performing tests

2/11/13
Date

(S)

INSR
Title

4/11/13
Date

* Shop Test only

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Date of Installed or Transferred	Location with designating or track number	Type or Model	Mfr	Resistance	Serial Number	Dates Tested	Date overhauled	Initial charge	Neutral				Polar				Maximum contact resistance	* Local voltage	* contact opening	Shop or field test	Inspector		
									Dropaway		Pickup		Working current or voltage		Pickup							Working current or voltage	
									Normal	Reverse	Normal	Reverse	Normal	Reverse	Normal	Reverse						Normal	Reverse
F1	2EHSR	B1	GRS	500	370470329	02/11/13	84	OK	7MA		11MA		11MA						F	WL			
F2	2ERCR	B1	GRS	194	372704060	02/11/13	88	OK	12MA		19MA		19MA						F	WL			
F3	2EHYPR	B1	GRS	500	36153D424	02/11/13	84	OK	7MA		11MA		11MA						F	WL			
F4	2EAH	B1	GRS	500	H82039	02/11/13	82	OK	7MA		11MA		11MA						F	WL			
F6	2EDR	B1	GRS	500	37047D102	02/11/13	84	OK	7MA		11MA		11MA						F	WL			
F7	2EFHSR	B1	GRS	500	182144	02/11/13	82	OK	7MA		11MA		11MA						F	WL			
F8	2EBNR	B1	GRS	500	36153D014	02/11/13	82	OK	7MA		11MA		11MA						F	WL			
G1	3EHSR	B1	GRS	500	36153D014	02/11/13	84	OK	7MA		11MA		11MA						F	WL			
G2	3ERCSR	B1	GRS	500	B8360C	02/11/13	83	OK	7MA		11MA		11MA						F	WL			
G3	3EHYPR	B1	GRS	194	37270H071	02/11/13	88	OK	12MA		19MA		19MA						F	WL			
G4	3EAH	B1	GRS	500	36153D124	02/11/13	84	OK	7MA		11MA		11MA						F	WL			
G6	3EDR	B1	GRS	500	G8373C	02/11/13	83	OK	7MA		11MA		11MA						F	WL			
G7	3EFHSR	B1	GRS	500	36153D376	02/11/13	84	OK	7MA		11MA		11MA						F	WL			
G8	3EBNR	B1	GRS	500	36153D033	02/11/13	84	OK	7MA		11MA		11MA						F	WL			

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Signature of maintainer performing tests

2/11/13
Date


(Signed - Supervisor reviewing tests)


Title

4/11/13
Date

* Shop Test only

** Date indicates index registration plate verified for each plug-in relay

SHORE C.I.H.
RACK - 7
ROW - H

AMTRAK
INSTRUMENT RECORD

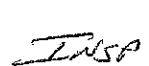
Date of installed or Transferred	Location with designating or track number	Type or Model	Mfr	Resistance	Serial Number	Dates Tested	Date overhauled	Initial charge	Neutral						Polar				Maximum contact resistance	Local voltage	contact opening	Shop or field test	Inspector						
									Dropaway		Pickup		Working current or voltage		Pickup		Working current or voltage												
									Normal	Reverse	Normal	Reverse	Normal	Reverse	Normal	Reverse	Normal	Reverse											
H1	4EHSR	B1	GRS	500	B5063D131	02/11/13	84	OK	7MA		11MA		11MA														F	WL	
H2	4ERCSR	B1	GRS	500	37047D213	02/11/13	84	OK	7MA		11MA		11MA														F	WL	
H3	4EHYPR	B1	GRS	194	37270H059	02/11/13	84	OK	12MA		19MA		19MA														F	WL	
H4	4EAH	B1	GRS	500	33577D150	02/11/13	84	OK	7MA		11MA		11MA														F	WL	
H6	4EDR	B1	GRS	500	36153D418	02/11/13	84	OK	7MA		11MA		11MA														F	WL	
H7	4EFHSR	B1	GRS	500	36153D019	02/11/13	84	OK	7MA		11MA		11MA														F	WL	
H8	4EBNR	B1	GRS	500	37047D037	02/11/13	84	OK	7MA		11MA		11MA														F	WL	

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Signature of maintainer performing tests

2/11/13
Date


(Signature of supervisor performing tests)


Title

4/11/13
Date

* Shop Test only

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AMTRAK
INSTRUMENT RECORD

Date of installed or Transferred	Location with designating or track number	Type or Model	Mfr	Resistance	Serial Number	Dates Tested	Date overhauled	Initial charge	Neutral						Polar				Maximum contact resistance	* Local voltage	* contact opening	Shop or field test	Inspector		
									Dropaway		Pickup		Working current or voltage		Pickup		Working current or voltage								
									Normal	Reverse	Normal	Reverse	Normal	Reverse	Normal	Reverse	Normal	Reverse							
B1	2WFHSR	B1	GRS	500	36153D204	02/11/13	84	OK	7MA		11MA		11MA											F	WL
B2	2WCOSR	B2	GRS	350	C83H49	02/11/13	83	OK	11MA		18MA		18MA											F	WL
B5	SC60HZPOPPR	B1	GRS	500	52496R064	02/11/13	96	OK	7MA		11MA		11MA											F	WL
B6	WBB60HZPOPR	B1	GRS	500	52496R053	02/11/13	96	OK	7MA		11MA		11MA											F	WL
B7	SWC100HZPOP R	B1	GRS	500	52077R314	02/11/13	96	OK	7MA		11MA		11MA											F	WL
B8	WBB100HZPOP R	B1	GRS	500	52977R075	02/11/13	96	OK	7MA		11MA		11MA											F	WL
C1	3WFHSR	B1	GRS	500	36153D325	02/11/13	84	OK	7MA		11MA		11MA											F	WL
C2	3WCOSR	B2	GRS	350	509141013	02/11/13	89	OK	11MA		18MA		18MA											F	WL
C5	9WCOSR	B2	GRS	350	508131022	02/11/13	89	OK	11MA		18MA		18MA											F	WL
C7	9WEXR	B1	GRS	500	J82071	02/11/13	82	OK	7MA		11MA		11MA											F	WL

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Signature of maintainer performing tests

2/11/13
Date


(Signed - Supervisor reviewing tests)

INSR
Title

4/11/13
Date

* Shop Test only
** Date indicates index registration plate verified for each plug-in relay.

AMTRAK
INSTRUMENT RECORD

Date of Installed or Transferred	Location with designating or track number	Type or Model	Mfr	Resistance	Serial Number	Dates Tested	Date overhauled	Initial charge	Neutral				Polar				Maximum contact resistance	* Local voltage	* contact opening	Shop or field test	Inspector		
									Dropaway		Pickup		Working current or voltage		Pickup							Working current or voltage	
									Normal	Reverse	Normal	Reverse	Normal	Reverse	Normal	Reverse						Normal	Reverse
D1	4WCOSR	B2	GRS	350	513391038	02/12/13	89	OK	11MA		18MA		18MA						F	WL			
D3	9WHSR	B1	GRS	500	35063D204	02/12/13	84	OK	7MA		11MA		11MA						F	WL			
D4	9WRCSR	B1	GRS	500	182H24	02/12/13	82	OK	7MA		11MA		11MA						F	WL			
D5	9WHYPR	B1	GRS	500	37270H06	02/12/13	88	OK	7MA		11MA		11MA						F	WL			
D6	9WBHAR	B1	GRS	194	182403	02/12/13	82	OK	11MA		19MA		19MA						F	WL			
D7	9WBDR	B1	GRS	500	J82Q45	02/12/13	82	OK	7MA		11MA		11MA						F	WL			
D8	9WBNR	B1	GRS	500	182256	02/12/13	82	OK	7MA		11MA		11MA						F	WL			
E1	1ECOSR	B2	GRS	350	509141004	02/12/13	89	OK	11MA		18MA		18MA						F	WL			
E3	3WAHPPR	B1	GRS	800	112328	02/12/13	11	OK	4MA		8MA		8MA						F	WL			
E4	4WAHPPR	B1	GRS	800	11232240	02/12/13	11	OK	4MA		8MA		8MA						F	WL			
E8	9WBHAFR	B1	GRS	500	H82P05	02/12/13	82	OK	7MA		11MA		11MA						F	WL			

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INSTRUMENT RECORD

Date of Installed or Transferred	Location with designating or track number	Type or Model	Mfr	Resistance	Serial Number	Dates Tested	Date overhauled	Initial charge	Neutral				Polar				Maximum contact resistance	* Local voltage	* contact opening	Shop or field test	Inspector		
									Dropaway		Pickup		Working current or voltage		Pickup							Working current or voltage	
									Normal	Reverse	Normal	Reverse	Normal	Reverse	Normal	Reverse						Normal	Reverse
F1	2ECOSR	B2	GRS	350	509141017	02/12/13	89	OK	11MA		18MA		18MA						F	WL			
F3	1EAHPPR	B1	ST	800	1123214	02/12/13	11	OK	4ma		8ma		8ma						F	WL			
F4	2EAHPPR	B1	ST	800	1123211	02/12/13	11	OK	4ma		8ma		8ma						F	WL			
F5	3EAHPPR	B1	ST	800	1123250	02/12/13	11	OK	4ma		8ma		8ma						F	WL			
F6	4EAHPPR	B1	ST	800	1123244	02/12/13	11	OK	4ma		8ma		8ma						F	WL			
F7	1WAHPPR	B1	ST	800	1123236	02/12/13	11	OK	4ma		8ma		8ma						F	WL			
F8	2WAHPPR	B1	ST	800	1123229	02/12/13	11	OK	4ma		8ma		8ma						F	WL			
G1	3ECOSR	B2	GRS	350	513391028	02/12/13	89	OK	11MA		18MA		18MA						F	WL			
G3	1WBHAFR	B1	GRS	500	G82M07	02/12/13	82	OK	7MA		11MA		11MA						F	WL			
G4	1WBDR	B1	GRS	500	18238B	02/12/13	82	OK	7MA		11MA		11MA						F	WL			
G5	1WBNR	B1	GRS	500	J82Q59	02/12/13	82	OK	7MA		11MA		11MA						F	WL			
G6	1WFHSR	B1	GRS	500	L82047	02/12/13	84	OK	7MA		11MA		11MA						F	WL			
G7	1WCOSR	B2	GRS	350	513391015	02/12/13	89	OK	7MA		11MA		11MA						F	WL			

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Date of Installed or Transferred	Location with designating or track number	Type or Model	Mfr	Resistance	Serial Number	Dates Tested	Date overhauled	Initial charge	Neutral						Polar				Maximum contact resistance	Local voltage	* contact opening	* Shop or field test	Inspector		
									Dropaway		Pickup		Working current or voltage		Pickup		Working current or voltage								
									Normal	Reverse	Normal	Reverse	Normal	Reverse	Normal	Reverse	Normal	Reverse							
H1	4ECOSR	B2	GRS	350	K82D49	02/12/13	82	OK	11MA		18MA		18MA											F	WL
H3	1WHSR	B1	GRS	500	37047D066	02/12/13	84	OK	7MA		11MA		11MA											F	WL
H4	1WRCSR	B1	GRS	500	182280	02/12/13	82	OK	7MA		11MA		11MA											F	WL
H5	1WHUPR	B1	GRS	194	37271H001	02/12/13	88	OK	12MA		19MA		19MA											F	WL
H6	1WAH	B1	GRS	500	36153D105	02/12/13	84	OK	7MA		11MA		11MA											F	WL
H7	1WBHAR	B1	GRS	500	18231A	02/12/13	82	OK	7MA		11MA		11MA											F	WL
H8	1WADR	B1	GRS	500	18292B	02/12/13	82	OK	7MA		11MA		11MA											F	WL

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