



Rural Electric Cooperative Corporation

A Touchstone Energy® Cooperative 

May 20, 2011

RECEIVED  
MAY 23 2011  
PUBLIC SERVICE  
COMMISSION

Mr. Jeff Derouen  
Executive Director  
Kentucky Public Service Commission  
211 Sower Boulevard  
P.O. Box 615  
Frankfort, Kentucky 40602-0615

Dear Mr. Derouen:

Re: PSC Case No. 2011-00061

Nolin hereby files as Exhibit A written documentation provided by Hamilton as to the most recent dielectric tests on Hamilton's work truck #100. Enclosed are an original and seven (7) copies of the inspection.

If you have any questions about this filing, please feel free to contact me.

Sincerely,



Michael L. Miller  
President & CEO

Enclosures

CC: Rick Bertelson, Staff Attorney



**Torco**  
TESTING SERVICES, INC.

P.O. Box 1717 - Louisville, KY 40201  
(502) 561-0506  
Toll Free 888-540-0065  
Website: torcotesting.com

TEST REPORT # 8

CUSTOMER Hamilton Power

STATE Ky TECH. Thompson

TRUCK # 100 SIN 525806965LAN

MODEL LAN-51-2E

List All

DATE 7-31-09 TIME 9:00 <sup>AMP</sup> <sub>PM</sub>

TEMP 73 ° F R.H. 81 %

VT - Visual Inspection  
ULT - Ultrasonic Test  
MT - Magnetic Particle Testing

STRUCTURAL ANALYSIS  
ANSI/SIA A92.2 8.2.4

AC DIELECTRIC TEST  
ANSI/SIA A92.2 SECTION 5.4.3

AREA TESTED	APPLIED VOLTAGE KVAC	TEST TIME MIN.	LEAKAGE MILLIAMPS	RESULTS	AREA TESTED	RESULTS	AREA TESTED	RESULTS
ASKET SHAFT	69	3	.17	Passed	Accessible outrigger welds	VT, MT	Accessible outrigger pins	ULT
LOWER BOOM	50	3	1.68	Passed	Lower pedestal welds	VT, MT	Anchor bolts	—
INSERT	69	3	.87	Passed	Accessible cylinder block welds	VT, MT	Accessible turntable bolts	ULT <sup>TH</sup> <sub>BA</sub>
ASKET TO HASSIS					Welds at elbow	VT, MT	Lower boom hinge pin	ULT
EXTENSIBLE BOOM					Welds at basket area	VT, MT	Accessible cylinder pins	ULT
ASKET INNER	35	1		Passed	Welds on head of boom	—	Upper boom hinge pin	ULT
HYDRAULIC	27.8			Passed	Boom support	VT, MT	Basket shaft	ULT
ROT STICKS					Auger support brace	—	Auger hanger pins	—
OTHER					Winch line hooks	—	Pintle hook	VT, MT
					Turret welds	VT, MT		
					NONDESTRUCTIVE FIBERGLASS ANALYSIS			

COMMENTS ON DIELECTRIC TEST

COMMENTS ON STRUCTURAL ANALYSIS

The test results reported herein reflect the condition of the equipment at the time and under the conditions stated herein, and Torco MAKES NO WARRANTIES, and DISCLAIMS ALL WARRANTIES, whether EXPRESS or IMPLIED, as to any matter whatsoever, including without limitation, the condition of the equipment tested, its merchantability or its fitness for any particular purpose. Structural Analysis is limited to accessible welds and pins. This is a test, not a guarantee.

Exhibit A