

## Attachment "A"

Summary of Distribution Circuit Field Inspection by ICC Staff			
Utility:	AmerenIP	Date:	2/13-14/08
Circuit:	P47123 (Monmouth, Cameron, Ormonde, Larchland, Berwick, & rural)	Inspector:	J. D. Spencer, w/ Mary Bilyeu
<b>Gen. Notes:</b> This was an AmerenIP worst performing 12 kV circuit in 2007, serving a southern portion of Monmouth and a large rural area south and southeast of Monmouth, as well as the communities of Cameron, Ormonde, Larchland, and Berwick. There are many new poles and crossarms scattered throughout the circuit. About one mile of the circuit is scheduled for reconductoring in 2008 in a line section where Staff noted <u>many</u> conductor splices and patch rods (in 11 spans). Very few animal guards have been installed in Cameron, but animal guarding on the rest of the circuit looked okay. Staff noted lightning arrester problems at 14 locations, and 26 missing guy markers. Mapping errors were noted on 6 circuit maps. <b>One NESC guying violation was noted, though Staff did not look for them.</b>			
Map No.	Item Description	Photo(s)	Location
1 of 95	Missing guy marker		Corner of Rds. 400E & 1300N (Ponemah Rd., CH 18).
2	Lightning damaged pole top		3rd pole north of Sta. 12758 on Rd. 450E.
3	Missing guy marker		Corner of Rds. 450E & 1300N (Ponemah Rd., CH 18).
4	Tree very close to primary		Just west of Sta. 12752 on Rd. 1300N (Ponemah
4	Split pole top		1st pole west of Sta. 12753 on Rd. 1300N.
4	Lightning damaged pole top		4th pole east of Rd. 500E on Rd. 1300N.
6	Broken ground wire on pole		7th pole east of Rd. 500E on Rd. 1300N.
6	Wood pin through arm (field side primary)		10th pole east of Rd. 500E on Rd. 1300N.
6	Badly shell rotted pole, bad pole top, roadside pin through arm, & broken ground wire	118-1817	11th pole east of Rd. 500E on Rd. 1300N.
6	Badly lightning damaged pole top	1818	13th pole east of Rd. 500E on Rd. 1300N.
7	Lightning damaged pole top		2nd pole east of Sta. 12407 on Rd. 900N.
7	Windshake (lightning damaged?) pole		3rd pole east of Sta. 12407 on Rd. 900N.
7	Badly shell rotted pole		4th pole east of Sta. 12407 on Rd. 900N.
9	Broken neutral spool		3rd pole north of Rd. 1200N on Rd. 600E.
10	Split pole top, primary insulator coming off pin, & neutral falling off pole	1815, 1816	1 span west of Rd. 600E on Rd. 1300N (CH 18).
10	Wood pin through arm (road side primary)		3rd pole east of Sta. 12834 on Rd. 1300N.
11	Missing guy marker		1st pole north of Sta. 15714 (at the tap to Sta. 24560) on Rt. 67.
11	Missing primary downguy		At the south end of the primary along Rt. 67 (1st pole south of Sta. 12370).
12	Two missing guy markers		At both ends of the tap to Sta. 10207, going east from Rt. 67.
14	Missing primary downguy		On Rt. 67 at the tap to Sta. 10202.
16	Badly shell rotted pole		1st pole west of Sta. 12839 on Rd. 1200N.
16	Missing guy marker		On Rd. 1200N at the tap to Sta. 15760.
20	Broken 69 kV ground wire (above 12 kV underbuild)	1813, 1814	4 spans south of Rd. 1500N on Rt. 67.
20	<b>Broken strand in single-phase 6A CWC primary</b>	1812	3rd span west of Sta. 16404, just east of 69 kV ABS # AB1132 (Str. 2), on Rd. 1500N.
22	Two missing guy markers		On both sides of Rd. 1200N at Sta. 12841.
24	Missing guy marker		At the east end of the primary on Rd. 1300N (guy stub pole east of Sta. 18308).
26	Missing guy marker		Corner of Rt. 67 & Rd. 1600N at the tap going west (shown wrong on map).
26	Two missing guy markers		Corner of Rt. 67 & Rd. 1600N at the tap going east (shown wrong on map).
27	Missing road-side steel brace		1st pole south of Sta. 10219 on Rt. 67.
30	Missing primary downguy		At the west end of the primary on W. 8th Ave., Monmouth.
33	Missing guy marker		Corner of S. 6th St. & E. 11th Ave., Monmouth.
33	Trees very close to primary		Just east of S. 6th St. in the tap to Sta. 25864, Monmouth.
34	Missing guy marker		Corner of S. 4th St. & E. 10th Ave., Monmouth.
36	Badly shell rotted pole		Rd. 800E at Sta. 12798.
36	Two missing guy markers		Corner of Rds. 800E & 1500N (mapped incorrectly).
36	Shell rotted pole		1 span north of Rd. 1500N (mapped incorrectly) on Rd. 800E.

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**Attachment "A" (continued)**

Summary of Distribution Circuit Field Inspection by ICC Staff			
Utility:	AmerenIP	Date:	2/13-14/08
Circuit:	P47123 (Monmouth, Cameron, Ormonde, Larchland, Berwick, & rural)	Inspector:	J. D. Spencer, w/ Mary Bilyeu
Map No.	Item Description	Photo(s)	Location
36	Shell rotted pole with split top		4 spans north of Rd. 1500N (mapped incorrectly) on Rd. 800E.
36	Missing guy marker		East of Rd. 800E at the line corner on Rd. 1500N.
36	Badly shell rotted pole		1 span west of the tap to Sta. 12799 on Rd. 1500N.
37	Missing guy marker		At Sta. 12797 on Rd. 800E.
37	Lightning arrester blown apart & disconnected from primary (road side)	1832, 1833	6 spans east of Rd. 800E on Rd. 1600N.
38	Hanging steel brace (road side)		4 spans north of tap to Sta. 17952 on Rd. 800E.
40	Missing guy marker		At Sta. 12800 on Rd. 1500N.
40	Hanging steel brace (field side)		2nd pole east of Sta. 12800 on Rd. 1500N.
40	Split pole top		3rd pole east of Sta. 12800 on Rd. 1500N.
41	Broken jumper to top of center lightning arrester	1831	4th pole east of Sta. 12795 on Rd. 1600N.
45	Missing guy marker		1 span east of Rd. 900E at the east end of the tap 1 span north of Sta. 12794.
45	<b>Badly deteriorated co-op 3-phase crossarm above AmerenIP 3-phase circuit</b>	1829, 1830	3rd pole south of Sta. 12793 on Rd. 900E (CH 17).
45	Center lightning arrester disconnected from circuit		1 span east of Rd. 900E (CH 17) on Rd. 1600N.
50	Badly lightning damaged pole		3 spans north of Rd. 1400N on Rd. 1000E.
51	Neutral pin through crossarm (field side)		4th pole east of Sta. 12812 on Rd. 1500N.
52	Blown lightning arrester (road side)		8th pole west of Sta. 12791 on Rd. 1600N.
52	Blown lightning arrester (center)		3rd pole west of Sta. 12791 on Rd. 1600N.
55	Badly lightning damaged pole		1st pole south of Sta. ???01 (illegible at edge of map) on Rd. 1000E.
56	Neutral pin through crossarm		2nd pole east of Sta. 12820 on Rd. 1500N (CH 6).
57	Shell rotted pole		1st pole south of line fuse 123-24 on Rd. 1000E.
57	Two hanging wood braces	1811	1 span west of Rd. 1000E on Rd. 1600N.
61	<b>Poletop pin coming off pole (bottom bolt missing &amp; top bolt missing its nut &amp; coming out of pole)-- primary conductor about to fall (advised AmerenIP 2/20/08 ~8:30 am).</b>	1822, 1823	1st pole east of Sta. 12822 on Rd. 1400N.
61	Lightning damaged crossarm	1824	4th pole north of Rd. 1400N on Rd. 1100E (CH 6).
61	Center lightning arrester disconnected from circuit (hot tap connector off stirrup)	1825	4th pole south of Sta. 12824 on Rd. 1100E (CH 6).
61	Center lightning arrester disconnected from circuit & connected to neutral	1826	1st pole south of Sta. 12824 on Rd. 1100E (CH 6).
62	Blown lightning arrester (field side)		2nd pole south of Rd. 1500N on Rd. 1100E.
65	Blown lightning arrester (field side)		2nd pole west of Sta. 12826 on Rd. 1400N (CH 6).
67	Center lightning arrester disconnected from circuit (hot tap connector hanging down)		6th pole south of Sta. 12781 on Rd. 1100E.
67	Field side lightning arrester missing, center lightning arrester disconnected from circuit (hot tap hanging down), & road side lightning arrester blown	1827, 1828	3rd pole south of Sta. 12781 on Rd. 1100E.
69	Badly shell rotted pole	1820, 1821	2nd pole east of Sta. 12831 in the tap going west from Rd. 1200E.
70	<b>Code guying violation (NESC 279.A.2):</b> Ungrounded 69 kV downguy without strain insulator properly placed below energized 12 kV conductors (existing wooden guy strain insulator is too high).	118-1819	1st pole east of Rd. 1200E (69 kV Str. 293) on Rd. 1400N (CH 6), southwest of Cameron.
71	Roadside lightning arrester missing (blown apart)		2nd pole west of tap to Sta. 12779 on Rd. 1600N.
71	Missing guy marker		At Sta. 12779 just north of Rd. 1600N.
75	Missing guy marker		On Rd. 1400N (CH 6) at the tap to Sta. 12863.
77	Missing guy marker		At Sta. 24635 at the east end of the circuit on Berwick Rd., Berwick.

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**Attachment "A" (continued)**

Summary of Distribution Circuit Field Inspection by ICC Staff			
<b>Utility:</b>	AmerenIP	<b>Date:</b>	2/13-14/08
<b>Circuit:</b>	P47123 (Monmouth, Cameron, Ormonde, Larchland, Berwick, & rural)	<b>Inspector:</b>	J. D. Spencer, w/ Mary Bilyeu
Map No.	Item Description	Photo(s)	Location
77	Trees into primary		Just west of 131st St. on Berwick Rd., Berwick.
84	Lightning damaged pole top (& no crossarm braces)		3 spans west of Rd. 1400E (CH 15) on Rd. 1600N.
84	Four spans with many splices & patch rods in primary phase conductors (3 to 14 splices per span)--to be reconducted in 2008 because of rusted steel core.		Along Rd. 1400E (CH 15) south of the tap to Sta. 27845).
85	Six spans with many splices & patch rods in primary phase conductors (3 to 15 splices per span)--to be reconducted in 2008 because of rusted steel core.		Along Rd. 1400E (CH 15) in 1 span north & 5 spans south of Rd. 1675N.
86	Fifteen splices & patch rods in the primary phase conductors in 1 span of primary (no evidence of trees)		1st span north of Sta. 12851 on Rd. 1400E (CH 15).
86	Missing guy marker		1st pole west of Pearl St. on the north side of South St., Cameron.
86	Tree close to primary		In the 1st span west of Pearl on Vine St., Cameron.
87	Missing guy marker		At the corner of Quincy & Morris Sts., Cameron.
87	Soft maple tree into single-phase primary		Just north of Warren St. on Nutt St., Cameron.
89	Broken anchor rod for primary downguy (primary downguy & ~6 ft. of rusted anchor rod are strapped to the pole).	1808, 1809	At Sta. 19582 on Railroad St., Cameron.
95	Missing guy marker		1st pole north of CH 16 (Rd. 1750N) in the tap to Sta. 26442.

**Attachment "B"**

Summary of Distribution Circuit Field Inspection by ICC Staff			
<b>Utility:</b>	AmerenIP	<b>Date:</b>	2/14/08
<b>Circuit:</b>	P47169 (Monmouth)	<b>Inspector:</b>	J. D. Spencer, w/ Mary Bilyeu
<b>Gen. Notes:</b> This was an AmerenIP worst performing 12 kV circuit in 2007, serving a central and eastern part of the City of Monmouth. Staff noted only a few tree problems, and animal guards were plentiful. Few structural problems were noted. Staff noted missing guy markers at 12 locations, a large number for a circuit this size.			
Map No.	Item Description	Photo(s)	Location
1 of 11	Missing guy marker		At Sta. 20389 on S. 5th St. south of E. 5th Ave.
1	Capacitor bank fuse open (field side)		Capacitor Bank 169-2 on the south side of E. 6th Ave. west of S. 5th St.
2	Deteriorated pole top		Pole between Stas. 19194 & 25772 on S. 7th St., south of E. 10th Ave.
2	Missing guy marker		At Sta. 11814 on S. 9th St. south of E. 10th Ave.
2	Missing guy marker		At Sta. 11810 on S. 10th St. at the alley south of E. 8th Ave.
3	Tree limb hanging on secondary conductor		S. 6th St. just north of Sta. 11805, north of E. 6th Ave.
3	Small broken tree limb on spacer cable primary		S. 6th St. just north of Sta. 11805, north of E. 6th Ave.
3	Trees close to primary		S. 7th St. just south of E. 2nd Ave.
3	Shell rotted pole		1 span south of E. 3rd Ave. on S. 9th St.
3	Tree very close to primary		In the 1st span west of S. 10th St. on E. 3rd Ave.
4	Missing guy marker		1st pole north of Sta. 19192 on S. 7th St.
5	Missing guy marker		On the guy stub pole on the east side of S. 11th St. north of Fairway Dr.
6	Missing guy marker		1st pole north of Sta. 19073 at the tap going west to Sta. 15380, north of Old US Rt. 34.
8	Missing guy marker		On 192 Ave. at the 2nd pole west of the tap to Sta. 19681.
8	Missing guy marker		On 192 Ave. at the tap to Sta. 19681.

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**Attachment "B" (continued)**

Summary of Distribution Circuit Field Inspection by ICC Staff			
<b>Utility:</b>	AmerenIP	<b>Date:</b>	2/14/08
<b>Circuit:</b>	P47169 (Monmouth)	<b>Inspector:</b>	J. D. Spencer, w/ Mary Bilyeu
Map No.	Item Description	Photo(s)	Location
8	Missing guy marker		On 192 Ave. at the 1st pole east of the tap to Sta. 19681.
9	Missing guy marker		At Sta. 11574 on the north side of Old US Rt. 34.
10	Broken neutral spool		On 192 Ave. at the 3rd pole west of the tap to Sta. 13449.
10	Split pole top		On 192 Ave. at the 2nd pole west of the tap to Sta. 13449.
10	Missing guy marker		On 192 Ave. at the tap to Sta. 13449.
10	Hanging steel brace (road side)		2nd pole north of 192 Ave. in the tap to Sta. 13449.
10	Missing guy marker		At Sta. 13449 at the north end of the tap, north of 192 Ave.
10	Badly shell rotted pole		On 192 Ave., 1 span west of the tap to Sta. 10148.

**Attachment "C"**

Summary of Distribution Circuit Field Inspection by ICC Staff			
<b>Utility:</b>	AmerenIP	<b>Date:</b>	2/20/08
<b>Circuit:</b>	R93351 (Wanda, Roxana--not Wood River as labeled by AmerenIP--, & rural)	<b>Inspector:</b>	J. D. Spencer, w/ Bev Hall (Ameren)
<b>Gen. Notes:</b> This was a small AmerenIP worst performing CAIDI 12 kV circuit in 2006, serving Wanda, an eastern part of Roxana, and a small rural area near those communities. Staff noted no circuit problems during its inspection, but was only able to inspect the main overhead feeders. A considerable portion of the circuit is either underground, in back easements, or otherwise inaccessible. Staff noted many animal guards on the parts of the circuit it inspected, but more may be needed. There were mapping errors on page 6 of the circuit maps provided.			
Map No.	Item Description	Photo(s)	Location

**Attachment "D"**

Summary of Distribution Circuit Field Inspection by ICC Staff			
<b>Utility:</b>	AmerenIP	<b>Date:</b>	2/20/08
<b>Circuit:</b>	M78322 (Granite City)	<b>Inspector:</b>	J. D. Spencer, w/ Bev Hall (Ameren)
<b>Gen. Notes:</b> This was an AmerenIP next-worst performing 4 kV circuit in 2007, serving a portion of Granite City. This circuit was also an AmerenIP worst performing CAIDI circuit in 2000. Some of the circuit was not inspected in alleys that were not drivable. Some animal guards were noted, but more are needed. Staff noted no structural problems.			
Map No.	Item Description	Photo(s)	Location
1 of 3	Missing guy marker		At the end of the circuit just west of Moro Ave. on Pontoon Rd.
2	Pine tree close to primary		Just south of Garfield Ave. in the alley west of Franklin Blvd.

**Attachment "E"**

Summary of Distribution Circuit Field Inspection by ICC Staff			
<b>Utility:</b>	AmerenIP	<b>Date:</b>	2/20/08
<b>Circuit:</b>	M78324 (Granite City)	<b>Inspector:</b>	J. D. Spencer, w/ Bev Hall (Ameren)
<b>Gen. Notes:</b> This was an AmerenIP worst performing 12 kV circuit in 2007, serving a portion of Granite City and repeating as a worst performing circuit from 2006. Staff noted no circuit problems, but only inspected about half or less of this already small circuit due to much of it being in back easements or underground. Some animal guards were noted, but more are needed.			
Map No.	Item Description	Photo(s)	Location

**Attachment "F"**

Summary of Distribution Circuit Field Inspection by ICC Staff			
<b>Utility:</b>	AmerenIP	<b>Date:</b>	2/20/08
<b>Circuit:</b>	Q21293 (Fairview Heights, O'Fallon, & rural Collinsville)	<b>Inspector:</b>	J. D. Spencer, w/ Bev Hall (Ameren)
<b>Gen. Notes:</b> This was an AmerenIP next-worst performing 12 kV circuit in 2007, repeating in that category from 2006, and was a worst performing CAIDI circuit in 1999. The circuit serves portions of Fairview Heights, O'Fallon, and rural Collinsville. About half of the circuit is underground and several sections are cross-country and inaccessible. Staff noted several "extra" lightning arresters and several animal guards, but more animal guards are needed. Errors were noted on two of the circuit maps provided.			
Map No.	Item Description	Photo(s)	Location
1 of 28	Trees into primary		Along O'Fallon Ave. in the last span at the west end of the circuit.
3	Split (lightning damaged) wood brace (field side)	118-1834, 1835	At Sta. 27394 on O'Fallon Ave. west of Rt. 159.
6	Missing guy marker		At Sta. 18710 near the end of the spur feeding north from Milburn School Rd.
6	Blown lightning arrester (center phase)		On Milburn School Rd., 4 spans east of the tap to Sta. 30323.
10	Lightning damaged pole		2 spans north of Milburn School Rd. in the tap to Sta. 16724.
18	Trees close to primary		South of Milburn School Rd. in the 1st span of the tap to Sta. 10483.
19	Cedar trees very close to primary		3rd span northwest of Sta. 25017 on Pausch Rd.
20	Blown lightning arrester (at transformer)		Sta. 16720 at the south end of the tap feeding south from Bethel School Rd.

**Attachment "G"**

Summary of Distribution Circuit Field Inspection by ICC Staff			
<b>Utility:</b>	AmerenIP	<b>Date:</b>	2/28/08
<b>Circuit:</b>	M37191 (Galesburg & rural)	<b>Inspector:</b>	J. D. Spencer, w/ Bev Hall (Ameren)
<b>Gen. Notes:</b> This was an AmerenIP worst performing 12 kV circuit in 2007, with the highest SAIFI (5.47) of all AmerenIP circuits in 2007. The circuit serves a northeastern portion of Galesburg and a rural area east and northeast of Galesburg. There are several inaccessible and cross-country sections, representing a small portion of the circuit. Animal guarding was very well done, especially in the part of the circuit in the City of Galesburg. Staff noted several "extra" lightning arresters in the rural areas. Errors were noted on three of the circuit maps provided. Missing guy markers were noted at 21 locations.			
Map No.	Item Description	Photo(s)	Location
1 of 40	Broken spacer cable spacer		Just west of N. Pearl St. on E. Losey St., Galesburg.
1	Deteriorated & split wood pin crossarm	118-1838, 1839	1st pole south of Sta. 18946 on Willard St., Galesburg.
1	Small tree limb on single-phase primary		Just east of Beecher St. on Greenleaf St., Galesburg.
1	Missing guy marker		At Sta. 25532 on Beecher St. south of Dudley St., Galesburg.
3	Missing guy marker		On the guy stub pole on the west side of Lincoln St. at North St., Galesburg.
3	Missing guy marker		At Sta. 10811 on Blaine Ave., Galesburg.
3	Low neutral clearance above ground. AmerenIP measured neutral clearances in this area on 3/19/08 to range from 12' 1" to 13' ½" (9.5 ft. minimum clearance allowed if area is subject to pedestrians & restricted traffic only; otherwise 15.5 ft. required).	118-1837	1st full span north of Greenleaf St. on Morton Ave. (platted street), Galesburg.
3	Shell rotted pole		At Sta. 20158 on Arnold St., 1 span north of E. Losey St., Galesburg.
4	Low neutral clearance above ground. AmerenIP measured neutral clearances in this area on 3/19/08 to range from 12' 1" to 13' ½" (9.5 ft. minimum clearance allowed if area is subject to pedestrians & restricted traffic only; otherwise 15.5 ft. required).		1st span north of Dudley St. on Morton Ave. (platted street), Galesburg.
5	Two broken spacer cable spacers		Just north of Grove St. on N. Farnham St. (north of Irwin St. substation), Galesburg.

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**Attachment "G" (continued)**

Summary of Distribution Circuit Field Inspection by ICC Staff			
<b>Utility:</b>	AmerenIP	<b>Date:</b>	2/28/08
<b>Circuit:</b>	M37191 (Galesburg & rural)	<b>Inspector:</b>	J. D. Spencer, w/ Bev Hall (Ameren)
Map No.	Item Description	Photo(s)	Location
7	Missing guy marker		1st pole south of E. Fremont St. in the tap to Sta. 25322 (west of I-74), Galesburg.
8	Missing guy marker		At Sta. 10558 east of Old Rt. 34 & northeast of I-74.
8	Missing guy marker		At Sta. 23636 east of Old Rt. 34.
8	Missing guy marker		At Sta. 27015 southwest of Knox Co. Hwy. 9.
12	Badly burned crossarm	1840	2 spans west of Fairway Rd. on CH 7.
13	Evergreen trees close to primary		1st span east of CH 9 in the tap to Sta. 22151.
15	<b>Very large (approximately 5 ft. diameter) hollow tree endangering 3-phase primary. Void in tree is approximately 4 ft. deep.</b>	1841, 1844, 1845	On CH 7 just east of the tap to Sta. 26137, east of Rd. 700E.
17	Missing guy marker		At Sta. 10091 just east of Rd. 700E on Rd. 1850N.
20	Missing guy marker		On Rd. 800E at the tap to Sta. 11031.
20	Missing guy marker		At Sta. 11031 east of Rd. 800E.
21	Missing guy marker		On Rd. 800E at the tap to Sta. 14388, north of Rd. 1800N.
21	Missing guy marker		At Sta. 14388 east of Rd. 800E.
22	Missing guy marker		5th pole west of Rd. 800E on Rd. 1850N.
22	Missing guy marker		6th pole west of Rd. 800E on Rd. 1850N.
25	Hanging steel brace (field side)		2nd pole east of Sta. 14390 on Rd. 1850N.
25	Evergreen trees close to primary		North of Rd. 1850N in the span serving Sta. 21525.
26	Missing guy marker		At the west end of the circuit on Rd. 1950N, west of Rd. 850 E (4 spans of primary not mapped).
29	Missing guy marker		4 spans south of Rd. 1800N on Rd. 875E.
30	Missing guy marker		At Sta. 14375 on the east side of Rd. 900E.
31	Missing guy marker		1st pole east of Rd. 900E on Rd. 2000N.
36	Missing guy marker		West of Timberview Ln. 1 span south of the tap to Sta. 23507.
36	Trees close to primary		Several places along Timberview Ln. from the tap to Sta. 14360 to the tap to Sta. 26436.
38	Two woodpecker holes in pole top & pole top extension leaning	1846	1st pole east of Sta. 14367 on Rd. 1950N.
39	Two missing guy markers		At Sta. 14930 on Rd. 2030N.

**Attachment "H"**

Summary of Distribution Circuit Field Inspection by ICC Staff			
<b>Utility:</b>	AmerenIP	<b>Date:</b>	3/10 & 3/11/08
<b>Circuit:</b>	Q32170 (Oquawka & rural)	<b>Inspector:</b>	J. D. Spencer, w/ Bev Hall (Ameren)
<b>Gen. Notes:</b> This was an AmerenIP worst performing 12 kV circuit in 2007, serving Oquawka and a large rural area to the north and east. Many sections of the circuit are cross-country and inaccessible. Animal guarding was very well done in and near the City of Oquawka, and Staff noted many new poles and crossarms scattered throughout the circuit. Several scattered tree clearance issues were noted. More lightning arresters are needed in the rural areas. <b>Staff noted seventy-two (72) missing guy markers, and there are probably many more.</b> Errors were noted on fourteen of the circuit maps provided.			
Map No.	Item Description	Photo(s)	Location
1 of 107	Missing guy marker		1 span south of Lincoln St. on Rt. 164, Oquawka.
1	Trees close to primary		Calhoun & 6th Sts., Oquawka.
1	Missing guy marker		At Sta. 17497 east of 5th St. (south of Schuyler St.), Oquawka.
1	Missing guy marker		At Sta. 18277 on 4th St. south of Schuyler St., Oquawka.
1	Missing guy marker		At Sta. 11845 on 3rd St. south of Schuyler St., Oquawka.
1	Missing guy marker		1st pole north of Sta. 15396 along C B & Q railroad, Oquawka.
1	Missing guy marker		At Sta. 11843 just north of Pike St. on Front St., Oquawka.

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**Attachment "H" (continued)**

Summary of Distribution Circuit Field Inspection by ICC Staff			
<b>Utility:</b>	<b>AmerenIP</b>	<b>Date:</b>	<b>3/10 &amp; 3/11/08</b>
<b>Circuit:</b>	<b>Q32170 (Oquawka &amp; rural)</b>	<b>Inspector:</b>	<b>J. D. Spencer, w/ Bev Hall (Ameren)</b>
<b>Map No.</b>	<b>Item Description</b>	<b>Photo(s)</b>	<b>Location</b>
1	Missing guy marker		At Sta. 23053 just south of Schuyler St. on First St., Oquawka.
1	Trees close to primary		In the alley between 2nd & 3rd Sts., just north of Sta. 20203 (south of Warren St., Oquawka.
2	Trees close to primary		Just south of Sta. 19778 on 1st St. south of Edwards St., Oquawka.
2	White pine tree burned by primary		Just north of Sta. 11830 on 1st St. north of Edwards St., Oquawka.
4	Evergreen trees close to primary		Just north of Sta. 26361 in the spur going south from Lincoln St., Oquawka.
4	Broken primary downguy		1 span north of Sta. 26361 in the spur going south from Lincoln St., Oquawka.
4	Broken wood brace (roadside)	118-1855	Lincoln St. just west of 10th St., Oquawka.
4	Missing guy marker		At Sta. 10311 in the alley west of 10th St., south of Lincoln St., Oquawka.
4	Missing guy marker		At Sta. 25674 on 9th St. north of Lincoln St., Oquawka.
4	Missing primary downguy		At Sta. 20771 on 11th St. north of Calhoun St., Oquawka.
4	Missing guy marker		1 span south of Sta. 22025 on a street not labeled on map (south of Pike St.), Oquawka.
4	Trees close to primary		North of Sta. 11853 on 7th St. south of Warren St., Oquawka.
4	Missing guy marker		1st pole west of 9th St. on Knox St., Oquawka.
4	Tree into primary		North of Sta. 19590 on 9th St. south of Pike St., Oquawka.
4	Trees very close to primary		On 10th St. between Rt. 164 & Warren St., Oquawka.
4	Trees close to primary		2nd span east of Sta. 27309 on Warren St., Oquawka.
4	Missing guy marker		1 span north of Warren St. in the tap to Sta. 21241, Oquawka.
5	Missing guy marker		At Sta. 20576 east of 9th St., Oquawka.
5	Trees close to primary		East of 4th St. along Fulton St., Oquawka.
6	Missing guy marker		At Sta. 11828 north of Green St. (west of C B & Q railroad), Oquawka.
8	Broken primary downguy		On the guy stub pole on the north side of CH 3, 2 spans east of Rd. 1350E.
8	Two missing guy markers		Corner of CH 3 & Rd. 1350E.
8	Trees into primary		Just north of Lincoln St. in the tap to Sta. 26590.
9	Capacitor bank 170-4 disconnected from circuit		West of Rd. 1350E on Rt. 164.
13	Two missing guy markers		River Cabin Rd. at the tap to Sta. 15189, north of Rd. 2350N.
13	Woodpecker hole in pole top		2nd pole south of Sta. 15216 on River Cabin Rd.
13	Woodpecker hole in pole top		At Sta. 15216 on River Cabin Rd.
21	Woodpecker hole in pole		2nd span south of Rd. 2200N in the tap to Sta. 13054.
21	Missing guy marker		3rd span south of Rd. 2200N in the tap to Sta. 13054.
21	Two broken neutral spools		2nd & 3rd poles west of Rd. 1400E along Rd. 2225N.
22	Missing guy marker		On Rd. 2250N at the taps to Stas. 25036 & 25886.
22	Missing guy marker		Corner of Rds. 2250N & 1400E.
22	Missing guy marker		At Sta. 14517 north of Rd. 2250N on Rd. 1400E.
23	Woodpecker hole in pole top		2nd pole south of Sta. 13037 on Rd. 1400E.
29	Badly shell rotted pole		3rd pole north of Rt. 164 on Little Brick Yard Rd.
31	Lightning damaged pole top		On Rd. 2300N where the circuit turns north to Sta. 13036.
36	Missing guy marker		On Little Brick Yard Rd. at the tap going east to Sta. 22221.
41	Missing guy marker		On Rd. 2100N at the west end of the circuit.

(continued)

**Attachment "H" (continued)**

Summary of Distribution Circuit Field Inspection by ICC Staff			
<b>Utility:</b>	<b>AmerenIP</b>	<b>Date:</b>	<b>3/10 &amp; 3/11/08</b>
<b>Circuit:</b>	<b>Q32170 (Oquawka &amp; rural)</b>	<b>Inspector:</b>	<b>J. D. Spencer, w/ Bev Hall (Ameren)</b>
<b>Map No.</b>	<b>Item Description</b>	<b>Photo(s)</b>	<b>Location</b>
43	Missing guy marker		At the guy stub pole at the corner of Rd. 2100N going west & Rd. 2100N going north.
43	Missing guy marker		At the corner of Rd. 2100N going south & Rd. 2100N going east.
46	Missing guy marker		2nd pole north of Sta. 13878.
50	Missing guy marker		At Sta. 13093 on Rd. 2200N.
50	Broken primary downguy	1856	1st pole east of Sta. 13093 on Rd. 2200N.
50	Lightning damaged pole top & blown lightning arrester		3rd pole east of Sta. 13093 on Rd. 2200N.
51	Missing guy marker		1 span west of Rd. 1650E in the line spur going west.
52	Lightning damaged pole top		On Rd. 1650E at the 1st pole south of the line spur going east.
52	Missing guy marker		On the 3-way corner pole 1 span north of Sta. 13090.
53	Missing guy marker		3rd pole north of Sta. 13878.
54	Missing guy marker		At Sta. 13240.
54	De-energized primary & neutral conductors down and trees very close.	1853, 1854	In the last 4 spans of primary going south along Rt. 94.
55	Trees close to primary		In the 6th span south of Rt 164 along Rt. 94.
55	Missing guy marker		2 spans south of Rt. 164 along Rt 94.
55	Missing guy marker		1 span south of Rt. 164 along Rt 94.
56	Missing guy marker		1st pole south of relouser Sta. 170-7 on Rd. 1700E.
57	Missing guy marker		At Sta. 14528 on Rd. 1700E (Rt. 94) south of Rd. 2120N.
57	Missing guy marker		At Sta. 13122 on the east side of Rd. 1700E (Rt. 94) at Rd. 2120 N.
59	Missing guy marker		On Rt. 94 at the tap to Sta. 13094.
59	Missing guy marker		1st pole west of Rt. 94 in the tap to Sta. 13094.
59	Badly lightning damaged pole		2nd pole south of Sta. 13086 on Rt. 94.
61	Missing guy marker		3rd pole south of Sta. 13880 on a road not labeled on the map.
62	Lightning damaged pole top		1st pole south of Rd. 1900N on a road not labeled on the map.
62	Badly split (lightning damaged) pole top with several large woodpecker holes.	1851, 1852	1 span west of Rd. 1775E on Rd. 1900N.
62	Missing guy marker		On the south side of Rd. 1900N at Rd. 1775E.
62	Missing guy marker		On the east side of Rd. 1775E at Rd. 1900N.
62	Missing guy marker		At Sta. 13241.
63	Missing guy marker		At Sta. 13239.
63	Missing guy marker		1st pole east of Sta. 13239.
63	Broken primary downguy		On the guy stub pole east of the 1st pole east of Sta. 13239.
63	Trees into primary		Just south of Rt. 164 in the tap to Sta. 24391.
65	Missing guy marker		At Sta. 27220 south of Rd. 2125N, at Rd. 1775E.
67	4 large woodpecker holes in pole top	1858	4th pole south of Rd. 2300N (not labeled on map) on Rd. 1775E.
70	Missing guy marker		Corner of Rds. 1930N & 1800E.
71	Missing guy marker		South end of circuit on Rd. 1800E.
71	Missing guy marker		On Rd. 1800E at the tap to Sta. 13136.
72	Missing guy marker		On Rd. 1800E at the tap to Sta. 13134.
72	Broken neutral spool		3 spans east of Rd. 1800E in the tap to Sta. 13134.
72	Missing guy marker		4 spans east of Rd. 1800E in the tap to Sta. 13134.
72	Missing guy marker		At Sta. 13134 east of Rd. 1800E.
74	Broken downguy & missing guy marker		At Sta. 23358 north of CH13 (Rd. 2250N),
74	Missing guy marker		At Sta. 13089 on Rd. 2300N.
74	Missing guy marker		Corner of Rds. 2300N & 1800E.
77	Split pole top		1st pole north of Sta. 24518 in the tap going south from Rt. 164.

(continued)

**Attachment "H" (continued)**

<b>Summary of Distribution Circuit Field Inspection by ICC Staff</b>			
<b>Utility:</b>	<b>AmerenIP</b>	<b>Date:</b>	<b>3/10 &amp; 3/11/08</b>
<b>Circuit:</b>	<b>Q32170 (Oquawka &amp; rural)</b>	<b>Inspector:</b>	<b>J. D. Spencer, w/ Bev Hall (Ameren)</b>
<b>Map No.</b>	<b>Item Description</b>	<b>Photo(s)</b>	<b>Location</b>
77	Missing guy marker		2nd pole north of Sta. 24518 in the tap going south from Rt. 164.
78	Missing guy marker		2nd pole north of Rd. 2125N on Rd. 1850E.
79	Missing guy marker		At Sta. 13104 east of Rd. 1850E.
79	Missing guy marker		Along Rd. 1850E at the 1st pole north of the tap to Sta. 13104.
80	Missing guy marker		Corner of Rds. 2250N & 1850E.
80	Missing guy marker		1st pole south of Rd. 2300N on Rd. 1850E.
83	Missing guy marker		2nd pole west of the tap to Sta. 24925 on Rt. 164.
83	Large woodpecker hole in pole (about 10 ft. high)		Corner of Rt. 264 & Rd. 1900E.
83	Broken neutral spool		1 span north of Rt. 164 on Rd. 1900E.
84	Evergreen tree close to primary		Just west of Sta. 23542 in the tap going east from Rd. 1900E.
85	Missing guy marker		On the east side of Rd. 1900E across from Sta. 13133.
85	Hanging steel brace (field side)		3rd pole east of Rd. 1900E on Rd. 2100N.
85	Hanging steel brace (road side)		4th pole east of Rd. 1900E on Rd. 2100N.
87	Neutral conductor off the spool	1849	2nd pole east of Sta. 25058 on CH 1 (Rd. 1800N).
88	Badly shell rotted pole	1847, 1848	At Sta. 13260.
88	Badly shell rotted pole		1st pole east of Sta. 13260.
88	Badly shell rotted pole		2nd pole east of Sta. 13260.
91	Hanging steel brace (field side)		2nd pole west of the tap to Sta. 19422 on Rd. 2100N.
91	2 lightning arresters disconnected from the circuit (hot taps removed)	1857	1st pole east of the tap to Sta. 19422 on Rd. 2100N.
93	Broken ground wire at top of pole		1st pole west of the tap to Sta. 23936 on Rd. 2250N.
93	Missing guy marker		At Sta. 23561 in the tap going south from Rd. 2250N.
93	Missing guy marker		At the 1st pole on the south side of Rd. 2250N in the tap to Sta. 23561.
93	Minor lightning damage to crossarm		2nd pole east of Sta. 13107 on Rd. 2250N.
94	Missing guy marker		1st pole on the south side of Rd. 1800N in the tap to Sta. 23790.
94	Badly shell rotted pole	1850	2nd pole east of Sta. 13262 on Rd. 1800N.
94	Badly shell rotted pole		2nd pole north of Sta. 13251 on Rd. 2000E.
95	Split pole top		1st pole west of Rd. 2000E in the tap to Sta. 13260.
95	Lightning damaged pole top		2nd pole north of Sta. 24884 on Rd. 2000E.
100	Missing guy marker		On the guy stub pole at the southwest corner of Rds. 2000E & 2250N.
100	Missing guy marker		On Rd. 2250N at the tap to Sta. 25100.
100	Shell rotted pole & broken ground wire		3rd pole east of the tap to Sta. 25100 on Rd. 2250N.
104	Missing guy marker		Southeast corner of Rds. 2100E & 2200N.
105	Missing guy marker		On Rd. 2200N at the tap to Sta. 13287.
105	Missing guy marker		1st pole east of the tap to Sta. 13287 on Rd. 2200N.
107	Broken primary downguy		3rd pole south of Sta. 20802 on Rd. 100E.

**Attachment "I"**

Summary of Distribution Circuit Field Inspection by ICC Staff			
<b>Utility:</b>	AmerenIP	<b>Date:</b>	3/25/08
<b>Circuit:</b>	K39153 (Clinton, Lane, & rural)	<b>Inspector:</b>	J. D. Spencer, w/ Ron Pate (Ameren--am) & w/ Bev Hall (Ameren--pm)
<b>Gen. Notes:</b> This was not an AmerenIP worst performing circuit in 2007, but was a worst performing CAIDI circuit in 2006. The 12 kV circuit serves an eastern part of Clinton and a rural area east of Clinton, including the community of Lane. There are several inaccessible and cross-country sections, representing a small portion of the circuit. Animal guarding was very well done, and Staff noted many "extra" lightning arresters in the rural areas. Staff also noted several new poles and crossarms throughout the circuit. Errors were noted on several of the maps provided, and neither Clinton nor Lane were labeled on the circuit maps. <b>NESC guying violations were noted at seven locations, though Staff did not try to find others. NESC railroad crossing violations were noted at one crossing.</b>			
Map No.	Item Description	Photo(s)	Location
3 of 55	No primary downguy		At Sta. 53046 west of Grant Ave. in the alley north of South St., Clinton.
3	Trees close to primary		Just east of Madison St. on White St., Clinton.
6	<b>Code railroad crossing violations (NESC 261.D.4.c): Single wood crossarms supporting a 3-phase crossing of a railroad, on both sides of the railroad crossing. (Double crossarms required).</b>	118-1866, 1867	CH 1 (Rd. 1050E) just south of Rt. 10, at & 1 span south of the tap to Sta. 53085, Clinton (railroad mapped incorrectly on circuit map).
6	Broken primary downguy		1st pole north of Sta. 50948 on Rt. 10, Clinton.
10	Deteriorated & lightning damaged pole top	1868, 1869	2 spans south of Sta. 52236 on CH1 (Rd. 1100E).
11	Blown lightning arrester (field side)		1st pole east of the tap to Sta. 52177 on Jemima St.
12	Trees into primary		4th & 5th spans northeast of E. North St. on Rt. 54.
12	Missing guy marker		Corner pole on Rt. 54 just south of the circuit railroad crossing.
15	Badly split pole top	1870, 1871	3rd pole south of Sta. 53280 on CH 18.
16	Shell rotted pole		3rd pole west of the tap to Sta. 52100 on CH 18.
29	Badly shell rotted pole & broken ground wire		Corner of Rt. 10 & Rd. 525N.
36	Missing guy marker		Guy stub pole on the west side of Rd. 1550E at Rd 425N.
36	Field side primary phase conductor very slack & sagging low		Along 1st St. between Walnut & Greenwood Sts., Lane (not labeled on circuit map).
36	Broken jumper to field-side primary phase conductor		Corner of 1st & Greenwood Sts., Lane (not labeled on circuit map).
41	<b>Code guying violations (NESC 279.A.2): Four ungrounded 12 kV downguys without strain insulators.</b>	1863	On the west side of Rd. 1600E at Rd. 400N, southeast of Lane.
41	<b>Code guying violations (NESC 279.A.2): Two ungrounded 12 kV overhead guys and one downguy without strain insulators.</b>		Corner of Rds. 1600E & 425N, southeast of Lane.
41	Many splices in primary and neutral conductors		Several spans along Rd. 1600E, north of Rd. 425N.
42	<b>Code guying violation (NESC 279.A.2): Insulator in 12 kV overhead guy not far enough away from pole.</b>		At Sta. 52287 on Rd. 1600E, east of Lane.
44	Missing guy marker		1 short span north of Rd. 750N at Rd. 1600E.
50	<b>Code guying violation (NESC 279.A.2): Ungrounded 12 kV downguy without strain insulator.</b>		On Rd. 400N at the tap to Sta. 52315, east of Lane.
52	Split pole top		On Rd. 1800E at the line corner feeding east to Sta. 52222.
53	Broken neutral spool		2 spans south of Rd. 400N on Rd. 1800E.
53	<b>Code guying violation (NESC 279.A.2): Ungrounded 12 kV downguy without strain insulator.</b>		Corner of Rds. 400N & 1800E, east of Lane.
53	Missing guy marker		On the guy stub pole on the north side of Rd. 400N, 1 span east of Rd. 1800E.
53	Lightning damaged wood brace (field side)		3rd pole east of Rd. 1800E on Rd. 400N.
54	<b>Code guying violation (NESC 279.A.2): Ungrounded 12 kV downguy without strain insulator.</b>	1862	1st pole west of the tap to Sta. 52120 on Rd. 400N, east of Lane.

(continued)

## Attachment "I" (continued)

Summary of Distribution Circuit Field Inspection by ICC Staff			
Utility:	AmerenIP	Date:	3/25/08
Circuit:	K39153 (Clinton, Lane, & rural)	Inspector:	J. D. Spencer, w/ Ron Pate (Ameren--am) & w/ Bev Hall (Ameren--pm)
Map No.	Item Description	Photo(s)	Location
54	<b>Code guying violations (NESC 279.A.2):</b> Ungrounded 12 kV overhead guy & downguy without strain insulator.	1860, 1861	Across & on the north side of Rd. 400N in the tap to Sta. 52120, east of Lane.
55	Broken ground wire on pole above the neutral (not connected to neutral)		2nd pole west of the circuit tie at the east end of the circuit on Rd. 400N (west of CH 14, Rd. 1900E).

## Attachment "J"

Summary of Distribution Circuit Field Inspection by ICC Staff			
Utility:	AmerenIP	Date:	4/1 & 4/2/08
Circuit:	K62102 (Concord, Chapin, Arenzville, & rural)	Inspector:	J. D. Spencer, w/ Harry Stoller (4/1) & w/ Gordon Tingley (Ameren--4/2)
<b>Gen. Notes:</b> This was an AmerenIP next-worst SAIFI 12 kV circuit in 2007, serving Concord, Chapin, Arenzville, and a large rural area around those communities and northwest of Jacksonville. There are several inaccessible and cross-country sections, representing a small portion of the circuit. Staff inspected roughly 75% of this circuit, noting several new poles and crossarms, many "extra" lightning arresters in the rural areas, and that animal guarding was very well done. Staff noted trees into or very close to the primary at 15 locations, 12 cases of split or deteriorated pole tops, and 18 missing guy markers. Errors were noted on several of the maps provided. <b>Staff noted NESC ground clearance violations at seven locations. Staff also noted NESC guying violations at seven locations, though it did not try to find others.</b>			
Map No.	Item Description	Photo(s)	Location
3 of 139	Missing guy marker		4 spans west of Schone Ln. on Schone Rd.
4	Missing guy marker		South end of circuit on Harts Gravel Rd. where the tap goes east to Sta. 10982.
7	Broken secondary downguy		At Sta. 10905 on Vangundy Rd.
8	Broken ground wire		On the west side of Vangundy Rd. where the road jogs to the east.
8	Missing guy marker		At Sta. 10901 on Williams Ln.
12	Large woodpecker hole in pole		1st pole east of Sta. 13363.
17	Tree very close to primary		Just east of Sta. 10908 on Cylinder Head Rd.
18	Broken neutral spool		2 spans northwest of St. Pauls Church Rd. on Rt. 104/67.
26	Slack primary downguy, with anchor rod pulled mostly out of the ground, & missing guy marker		North side of Kleinschmidt Ln. at Bethel Ln. (not labeled on map).
27	Missing guy marker		At Sta. 12203 east of Bethel Ln.
27	Missing guy marker		1st pole east of Bethel Ln. in the tap to Sta. 11975.
29	Broken ground wire on 69 kV structure		4th pole south of Base Line Rd. on Bethel Ln.
29	<b>Code guying violations (NESC 279.A.2):</b> Four ungrounded 69 kV & one 12 kV overhead guys with strain insulators not properly positioned.	118-1875, 1876	Corner of Bethel Ln. & Base Line Rd., northwest of Chapin.
29	Missing guy marker		On Base Line Rd. at the tap to Sta. 11081.
37	Broken primary downguy		1st pole north of Schumacher Rd. in the tap to Sta. 10112.
39	Missing guy marker		On the west side of Cooper St., 1 span north of the creek.
41	Sycamore tree very close to primary		Congress St. just south of the alley south of Everett St., Chapin.
41	Tree very close to primary		Just west of Cooper St. in the alley south of Everett St., Chapin.
41	Deteriorated pole top		Corner of Ash & Railroad Sts., Chapin.
41	Deteriorated pole top		1 span south of Superior St. on Ash St., Chapin.
41	Trees into primary		1st span east of Elm St. in the alley south of Morgan St., Chapin.
41	Trees into primary	1874	Just east of Sta. 13418 (west of Ash St.) in the alley south of Morgan St., Chapin.
41	Split pole top		1st pole west of Poplar St. in the alley south of Morgan St., Chapin.

(continued)

**Attachment "J" (continued)**

Summary of Distribution Circuit Field Inspection by ICC Staff			
<b>Utility:</b>	AmerenIP	<b>Date:</b>	4/1 & 4/2/08
<b>Circuit:</b>	K62102 (Concord, Chapin, Arenzville, & rural)	<b>Inspector:</b>	J. D. Spencer, w/ Harry Stoller (4/1) & w/ Gordon Tingley (Ameren--4/2)
Map No.	Item Description	Photo(s)	Location
41	No primary downguy		At Sta. 11957 on Congress St. at the alley north of French St., Chapin.
42	Badly split pole top	1873	Corner of North & Ash Sts., Chapin.
42	Broken primary downguy		Rt. 67/104 at the tap to the riser feeding south to Sta. 12501, Chapin.
46	Missing guy marker		1st pole south of the intersection of Brockhouse & Staakes Rds.
46	Missing guy marker		1st pole east of the intersection of Brockhouse & Staakes Rds.
63	White pine trees close to primary		Just west of Sta. 11953 on Brockhouse Rd.
63	Trees close to primary		In the two spans west of Sta. 10627 on Brockhouse Rd.
70	Trees close to primary		In the tap going east to Sta. 12564 from CH 7 (Concord-Arenzville Rd.)
71	<b>Code guying violation (NESC 279.A.2):</b> Insulator in 12 kV downguy too high (at pole).		At Sta. 10759 west of CH 7 (Concord-Arenzville Rd.), south of Concord Substation.
74	Tree very close to primary		Main St. just east of Elm St., Concord.
82	Badly split pole top	1872	4th pole east of the tap to Sta. 11035 on Sunnyside Rd.
90	Split (lightning damaged) wood brace (road side)		2nd pole west of Joy Ln. on Base Line Rd.
90	Broken ground wire		1st pole west of Joy Ln. on Base Line Rd.
91	Shell rotted pole		Middle pole (of three) in the E-W section of Joy Ln.
91	Deteriorated crossarms		1st pole south of Reservoir Rd. on Joy Ln.
91	<b>Code clearance violation (NESC 232.B.1):</b> Inadequate neutral clearance above ground. <i>AmerenIP measured neutral clearance 4/16/08 to be 13' 8" (15.5 ft. required).</i>	1888, 1889	In the E-W section of the circuit south of Reservoir Rd., in the first span east of the tap to Sta. 10994, southeast of Concord.
92	Blown lightning arrester		2nd pole east of Sta. 12129 on Concord Rd.
92	Several woodpecker holes in pole		On Concord Rd. at the tap to Sta. 11717.
96	<b>Code guying violation (NESC 279.A.2):</b> Ungrounded 12 kV downguy without strain insulator.		On the east side of Apples Rd. at Sunnyside Rd., east of Chapin.
97	Broken wood brace (field side)		2nd pole west of Sta. 10864 on Base Line Rd.
98	Trees into primary		In N-S de-energized line section south of Reservoir Rd.
102	Split pole top		At the east end of the circuit on Apples Rd. (1 pole east of Sta. 11018).
103	<b>Code guying violation (NESC 279.A.2):</b> Ungrounded 12 kV downguy with strain insulator not low enough-- <b>ON NEW POLE</b> (2007 brand).	1887	At Sta. 11573 on Apples Rd., east of Chapin.
103	Broken ground wire		1st pole south of Sta. 11827 on Apples Rd.
103	Lightning damaged crossarm		1 span east of Apples Rd. on Base Line Rd.
104	<b>Code clearance violation (NESC 232.B.1):</b> Inadequate neutral clearance above ground. <i>AmerenIP measured neutral clearance 4/16/08 to be 13' 2" (15.5 ft. required).</i>		1st span south of the tap to Sta. 10991 on Concord Rd., east of Concord.
104	Missing guy marker		1st pole south of the tap to Sta. 10991 on Concord Rd.
104	Badly damaged pole top		2nd pole south & east of the tap to Sta. 10991 on Concord Rd.
105	Trees into primary		1st span west of Sta. 12543 on the east side of Concord Rd.
105	Missing guy marker		At the tap to Sta. 13510 on Concord Rd.

(continued)

**Attachment "J" (continued)**

Summary of Distribution Circuit Field Inspection by ICC Staff			
Utility:	AmerenIP	Date:	4/1 & 4/2/08
Circuit:	K62102 (Concord, Chapin, Arenzville, & rural)	Inspector:	J. D. Spencer, w/ Harry Stoller (4/1) & w/ Gordon Tingley (Ameren--4/2)
Map No.	Item Description	Photo(s)	Location
105	<b>Code clearance violation (NESC 232.B.1):</b> Inadequate neutral clearance above ground. <i>AmerenIP measured neutral clearance 4/16/08 to be 13' 5" (15.5 ft. required).</i>		1st span south of the tap to Sta. 13510 on Concord Rd., east of Concord.
105	Damaged pole top		1st pole south of the tap to Sta. 13510 on Concord Rd.
109	Missing guy marker		Corner pole on Concord Rd. where the road turns to the north.
109	<b>Code clearance violation (NESC 232.B.1):</b> Inadequate neutral clearance above ground. <i>AmerenIP measured neutral clearance 4/4/08 to be 13' 6" (15.5 ft. required).</i>		On Concord Rd. in the 2nd span east of where the road turns to the north, southeast of Concord.
110	Split pole top & windshake pole		Corner pole on Concord Rd. where the road turns to the south.
113	<b>Code guying violation (NESC 279.A.2):</b> Ungrounded 12 kV downguy without properly placed strain insulator (top downguy to east).		Base Line Rd. on the south side of the railroad crossing, southeast of Concord.
113	<b>Code guying violations (NESC 279.A.2):</b> Ungrounded 12 kV overhead guys without properly placed strain insulators (top overhead guys to north & to west).	1885, 1886	Base Line Rd. on the north side of the railroad crossing, southeast of Concord.
113	Deteriorated wood pin crossarms (bottom squared arms)		Base Line Rd. at Standley Ln.
113	Missing guy marker		Standley Ln. at the tap to Sta. 10732.
113	Missing guy marker		1st pole west of Standley Ln. in the tap to Sta. 10732.
117	Vines up pole to transformer		Sta. 10977 on Concord Rd.
117	<b>Code clearance violation (NESC 232.B.1):</b> Inadequate neutral clearance above ground. <i>AmerenIP measured neutral clearance 4/16/08 to be 12' 3" (15.5 ft. required).</i>		1st span west of Sta. 10978 on Sugar Hollow Rd., southeast of Concord.
120	Lightning damaged pole top		1st pole south of the tap to Sta. 10948 on Concord Rd.
120	Missing guy marker		At Sta. 10980 on Concord Rd.
120	Trees very close to primary		North of Concord Rd. in the 1st span of the tap to Sta. 10948.
120	Trees very close to primary		North of Sugar Hollow Rd. in the tap to Sta. 10738.
120	<b>Code clearance violation (NESC 232.B.1):</b> Inadequate neutral & primary clearance above ground. <i>AmerenIP measured neutral clearance 4/16/08 to be 12' 2" &amp; primary @ 15' 8" (15.5 ft. neutral height required).</i>		North of Sugar Hollow Rd. in the tap to Sta. 10738, southeast of Concord.
125	Badly damaged pole top	1879, 1880	On Poor Farm Rd. at the tap to Sta. 12560.
South of 126	<b>Code clearance violation (NESC 232.B.1):</b> Inadequate primary clearance above ground. <i>AmerenIP measured neutral clearance 4/4/08 to be 11' 2" &amp; primary @ 14' 10" (15.5 ft. neutral height required).</i>	1881	On Poor Farm Rd. in the 4th span south of the line corner going west to Sta. 10618, east of Concord.
128	Several lightning damaged poles		Along Sugar Hollow Rd. west of the tap to Sta. 12870.
129	Split pole top & <b>Code guying violation (NESC 279.A.2)</b>		On Poor Farm Rd. at the tap to Sta. 10989, east of Concord.
135	Vines up pole to primary		3rd pole south of Substation Rd. on Ebenezer Church Rd.
135	Vines up pole to primary		2nd pole south of Substation Rd. on Ebenezer Church Rd.

(continued)

**Attachment "J" (continued)**

Summary of Distribution Circuit Field Inspection by ICC Staff			
<b>Utility:</b>	AmerenIP	<b>Date:</b>	4/1 & 4/2/08
<b>Circuit:</b>	K62102 (Concord, Chapin, Arenzville, & rural)	<b>Inspector:</b>	J. D. Spencer, w/ Harry Stoller (4/1) & w/ Gordon Tingley (Ameren--4/2)
Map No.	Item Description	Photo(s)	Location
138	Missing guy marker		On guy stub pole at Sta. 12040 on Arcadia Rd.
138	Missing guy marker		2nd pole south of Sta. 11027, east & north off of Arcadia Rd.
138	Trees close to primary (several spans)		Several spans along Arcadia Rd. on both sides of the tap to Sta. 11028.
139	Trees into primary (three spans)		Along Arcadia Rd. in the last three spans at the north end of the circuit.

**Attachment "K"**

Summary of Distribution Circuit Field Inspection by ICC Staff			
<b>Utility:</b>	AmerenIP	<b>Date:</b>	4/2/08
<b>Circuit:</b>	R06212 (Jacksonville, S. Jacksonville, & rural)	<b>Inspector:</b>	J. D. Spencer, w/ Gordon Tingley (Ameren)
<b>Gen. Notes:</b> This was an AmerenIP next-worst SAIFI 12 kV circuit in 2007, serving a very small part of southeastern Jacksonville, part of South Jacksonville, and a rural area south of those cities. Staff inspected roughly 75% of this circuit, noting that animal guarding was very well done. There were few trees on the circuit. There were some mapping errors. <b>Staff noted NESC ground clearance violations at two locations and a railroad crossing violation at one location. Staff also noted one NESC guying violation, though it did not try to find others.</b>			
Map No.	Item Description	Photo(s)	Location
1 of 28	Missing guy marker		At Sta. 12972 at the west end of Fricke Ln.
4	Broken primary downguy & missing guy marker		Northwest corner of Massey Ln. & South Finch Rd.
4	Broken ground wire		On the east side of Massey Lane at South Finch Rd.
5	<b>Code clearance violation (NESC 232.B.1):</b> Inadequate neutral clearance above ground. AmerenIP measured neutral clearance 4/14/08 to be 14' 10" in north span & 11' 11" in south span (15.5 ft. required).		Along Massey Lane in the spans on both sides of Sta. 11156, south of Jacksonville.
14	Badly shell rotted pole (only neutral is attached)		2nd pole east of S. Clay on Lake St.
14	<b>Code guying violation (NESC 279.A.2):</b> Ungrounded 12 kV downguy without strain insulator.		At Sta. 10012 at the east end of Southview Dr., South Jacksonville.
18	Broken spacer cable spacer		Just north of N. Laurel Dr. on Hardin Ave.
18	Missing guy marker		1st pole east of Hardin Ave. on Laurel Dr.
18	<b>Code clearance violation (NESC 232.B.1):</b> Inadequate neutral clearance over a residential driveway. AmerenIP measured neutral clearance 4/14/08 to be 12' 0" (15.5 ft. required).	118-1891	On Lakelawn Dr. just north of Laurel Dr., South Jacksonville.
18	Deteriorated crossarms	1890	At Sta. 10520 on Laurel Dr. just west of the railroad.
18	<b>Code railroad crossing violation (NESC 261.D.4.c):</b> Single wood crossarm supporting a 3-phase crossing of a railroad, on the east side of the railroad crossing. (Double crossarms required).	1892, 1893	On E. Vandalia St. east of Lakeview Terrace at the entrance to Kiwanis Grove Park (at recloser Sta. 212-5), South Jacksonville.
27	Deteriorated pole top		Northwest corner of Woods Ln. & Vandalia St.
28	Deteriorated pole top		5 spans south of the circuit tie to Circuit 50333 on Woods Ln.
28	Missing guy marker		1 span south of the circuit tie to Circuit 50333 on Woods Ln.

**Attachment "L"**

Summary of Distribution Circuit Field Inspection by ICC Staff			
<b>Utility:</b>	AmerenIP	<b>Date:</b>	4/14/08
<b>Circuit:</b>	M49410 (Glen Carbon)	<b>Inspector:</b>	J. D. Spencer, w/ Mary Bilyeu
<b>Gen. Notes:</b> This was an AmerenIP worst performing SAIFI circuit in 2006 (not in 2007), serving a portion of the City of Glen Carbon. About half of this 12 kV circuit is underground and there are some inaccessible areas. Animal guarding was very well done, and Staff noted only a few circuit problems. Errors were noted on some of the maps provided. <b>NESC guying violations were noted at two locations, though Staff noticed more and did not try to find others.</b>			
Map No.	Item Description	Photo(s)	Location
2 of 11	<b>Code guying violations (NESC 279.A.2):</b> Two ungrounded 12 kV downguys without strain insulators.		On the west side of Rt. 157 across from the entrance to Glenwood Estates subdivision (at fuse station 410-37), Glen Carbon.
2	<b>Code guying violation (NESC 279.A.2):</b> Ungrounded 12 kV downguy without strain insulator.		On the east side of Rt. 157 north of the entrance to Glenwood Estates subdivision (at Sta. 15526), Glen Carbon.
5	Vines around transformer on pole	118-1894	At Sta. 20663 in the easement south of Hampton Dr., east of Lake Hillcrest Dr., Glen Carbon.
5	Deteriorated pole top		At Sta. 20310 on Hampton Dr., Glen Carbon.
5	Deteriorated pole top		1st pole east of Sta. 20310 (at the primary riser) on Hampton Dr., Glen Carbon.

**Attachment "M"**

Summary of Distribution Circuit Field Inspection by ICC Staff			
<b>Utility:</b>	AmerenIP	<b>Date:</b>	4/14/08
<b>Circuit:</b>	R04413 (Edwardsville)	<b>Inspector:</b>	J. D. Spencer, w/ Mary Bilyeu
<b>Gen. Notes:</b> This was an AmerenIP next-worst performing SAIFI circuit in 2007, with a SAIFI of 3.11, and was a worst performing SAIFI circuit in 2006. This 12 kV circuit, much of which is underground, serves a small southern part of Edwardsville. Staff inspected the overhead portions of the circuit, except for inaccessible portions along a bike trail. No problems were noted.			
Map No.	Item Description	Photo(s)	Location

**Attachment "N"**

Summary of Distribution Circuit Field Inspection by ICC Staff			
<b>Utility:</b>	AmerenIP	<b>Date:</b>	4/15/08
<b>Circuit:</b>	M31203 (Galva, Bishop Hill, Nekoma, & rural)	<b>Inspector:</b>	J. D. Spencer, w/ Jason Simac (Ameren)
<b>Gen. Notes:</b> This was an AmerenIP worst performing 12 kV circuit in 2007, with a SAIFI of 4.65, and was an AmerenIP next-worst SAIFI circuit in 2003. It serves a rural area from Galva westward past Nekoma, including the communities of Bishop Hill & Nekoma. Staff noted many "extra" lightning arresters in the rural areas and that animal guarding was at least "okay". Tree problems were noted at only two locations, though there are relatively few trees on the circuit. There are many deteriorated crossarms with saddle pin repairs. <b>Staff noted seventy-seven (77) missing guy markers. Staff noted an NESC ground clearance violation at one location and a railroad crossing violation at one location. Staff also noted NESC guying violations at sixteen (16) locations, noticed others, but made no effort to find more.</b>			
Map No.	Item Description	Photo(s)	Location
1 of 63	Missing guy marker		At the west end of the circuit on Rd. 2900N (at Sta. 33892).
1	Missing guy marker		At Sta. 34083 on Rd. 2900N.
1	Missing guy marker		At Sta. 33893 on Rd. 2900N.
3	<b>Code guying violation (NESC 279.A.2):</b> Ungrounded 12 kV overhead guy without properly placed strain insulator (insulator too far from pole).		Overhead guy crossing Rt. 17 at Rd. 970E, west of Nekoma.
5	Neutral spool bolt coming out of pole		2 spans east of the tap to Sta. 35123 on Rd. 2900N.
7	Missing guy marker		At Sta. 33882 on Rt. 17.
8	Missing guy marker		1st pole east of Sta. 34978 on Rd. 200N.
10	Neutral spool bolt out of pole		5th pole east of CH 3 (Rd. 1100E) on Rd. 2900N.
10	Neutral spool bolt out of pole	119-1904	6th pole east of CH 3 (Rd. 1100E) on Rd. 2900N.
10	Missing guy marker		Corner of CH 3 (Rd. 1100E) & Rd. 2900N.
10	Missing guy marker		At Sta. 35030 on CH 3 (Rd. 1100E).
11	Broken neutral spool		1st pole north of Sta. 33885 on CH 27 (Rd. 1080E).
12	Missing guy marker		1st pole south of Sta. 34158 on Rd. 1080E.
13	Missing guy marker		Corner of Rds. 1080E & 200N.
15	Missing guy marker		At Sta. 34931 south of Rd. 2900N.

(continued)

**Attachment "N" (continued)**

Summary of Distribution Circuit Field Inspection by ICC Staff			
<b>Utility:</b>	AmerenIP	<b>Date:</b>	4/15/08
<b>Circuit:</b>	M31203 (Galva, Bishop Hill, Nekoma, & rural)	<b>Inspector:</b>	J. D. Spencer, w/ Jason Simac (Ameren)
Map No.	Item Description	Photo(s)	Location
16	Two missing guy markers		On both sides of Rd. 2900N at the east end of the circuit.
17	Bottom bolt backed out of pole top pin & bottom arms rotated		11 spans east of voltage regulator station 203-1 on Rt. 17.
19	Badly lightning damaged crossarm		8 spans north of Rd. 3000N (Knox Co.) on Rd. 1200E.
20	Deteriorated pole top		2nd pole north of Sta. 33945 on Rd. 1200E.
20	Badly split (lightning damaged) crossarm		4th pole north of Sta. 34385 on Rd. 1200E.
21	Missing guy marker		On the west side of Rd. 1200E at Rd. 200N.
21	Lightning damaged & split pole top		2 spans east of Rd. 1200E on Rd. 200N.
21	Missing guy marker		At Sta. 33907 east of Rd. 1200E.
21	Missing guy marker		At Sta. 34570 east of Rd. 1200E.
22	Missing guy marker		At Sta. 33944 on Rd. 3000N (Knox Co.).
22	Missing guy marker		At the south end of the circuit on Rd. 1280E.
23	Split pole top		4 spans south of Rt. 17 on Rd. 1280E.
23	Broken primary downguy & missing guy marker		Corner of Rt. 17 & Rd. 1280E.
23	Missing guy marker		2 spans east of Rd. 1280 on Rt. 17 (mapping error).
24	Missing guy marker		1 span east of 9th St. on Elm St., Nekoma.
24	Missing guy marker		Corner of 9th & Elm Sts., Nekoma.
24	Missing guy marker		9th St. at the tap to Sta. 24006, Nekoma.
24	Missing guy marker		At Sta. 24006 west of 9th St., Nekoma.
25	Badly deteriorated "A" crossarm with saddle pin & primary falling off the end of the arm	1903	2nd pole north of Maple St. on 7th St., Nekoma.
25	Missing guy marker		Corner of Maple & 7th Sts., Nekoma.
26	<b>Code guying violation (NESC 279.A.2):</b> Ungrounded 69 kV downguy without strain insulator (downguy passes through 12 kV underbuild).		69 kV Str. 320 on 7th St. between Elm & Beech Sts., Nekoma.
26	<b>Code guying violation (NESC 279.A.2):</b> Ungrounded 69 kV downguy without strain insulator (downguy passes through 12 kV underbuild) and missing guy marker.	119-1901, 1902	69 kV Str. 319 just west of 6th St. between Elm & Beech Sts., Nekoma.
27	Missing guy marker		2 spans south of Elm St. on 6th St., Nekoma.
27	Missing guy marker		Guy stub pole at the southeast corner of Elm & 6th Sts., Nekoma.
27	Missing guy marker		Guy stub pole at the northwest corner of Elm & 6th Sts., Nekoma.
27	Missing guy marker		On Elm St. at the alley west of 6th St., Nekoma.
27	Missing guy marker		Corner of Rt 82 & Rd. 200N.
29	Missing guy marker		At Sta. 34569 on the south side of Rd. 200N.
33	Missing guy marker		6 spans south of Sta. 33917 on Rd. 1470E.
34	Missing guy marker		On the north side of Rd. 100N (not labeled on map) in the tap to Sta. 34651.
35	Missing guy marker		At Sta. 33924 south of Rts. 34 & 17.
35	Missing guy marker		At Sta. 33619 north of Rts. 34 & 17.
36	Split pole top		2nd pole west of Sta. 33943 on Rts. 34 & 27.
36	Blown lightning arrester		At Sta. 33943 on Rts. 34 & 17.
37	Split pole top		Corner of Main & Olson Sts., Bishop Hill.
37	Two missing guy markers		Corner of Front & Olson Sts., Bishop Hill.
37	Missing guy marker		Front St. at Kronberg St., Bishop Hill.
37	<b>Code clearance violation (NESC 232.B.1):</b> Inadequate neutral clearance above ground. AmerenIP measured the neutral height on 4/24/08 to be 12' 2" above ground (15.5' required).		1st span going west from Kronberg St. feeding Sta. 17030, at the northwest corner of Bishop Hill.
37	Missing guy marker		At Sta. 17030 at the northwest corner of Bishop Hill.
38	Missing guy marker		On Rd. 2900N on the east side of the railroad.

(continued)

**Attachment "N" (continued)**

Summary of Distribution Circuit Field Inspection by ICC Staff			
<b>Utility:</b>	AmerenIP	<b>Date:</b>	4/15/08
<b>Circuit:</b>	M31203 (Galva, Bishop Hill, Nekoma, & rural)	<b>Inspector:</b>	J. D. Spencer, w/ Jason Simac (Ameren)
Map No.	Item Description	Photo(s)	Location
41	Missing guy marker		At Sta. 33926 on the north side of Rts. 34 & 17.
42	Missing guy marker		On Rd. 1670E at the tap to Sta. 33675.
42	Nut coming off the back of neutral spool bolt		2 spans east of Rd. 1670E on Rd. 200N.
44	<b>Code guying violations (NESC 279.A.2):</b> Two ungrounded overhead guys without strain insulators.		Crossing Johnson St. at Knox St., Bishop Hill.
44	Missing guy marker		Corner of Bishop Hill Rd. & "B" St., Bishop Hill.
44	Trees close to primary		Along Knox St. on both sides of Erickson St., Bishop Hill.
44	Four missing guy markers		Corner of Bishop Hill Rd. & Main St., Bishop Hill.
44	<b>Code guying violation (NESC 279.A.2):</b> Ungrounded overhead guy without strain insulator.		Crossing Bishop Hill Rd. at Bergland St., Bishop Hill.
44	Trees close to primary		Along the north side of Main St. just west of Sta. 17039, Bishop Hill.
45	Lightning arrester jumper broken at hot tap (center phase)		7th pole west of the tap to Sta. 33015 on Rd. 3300N (Knox Co.)
48	Blown lightning arrester		At Sta. 33533 on Rd. 350N.
48	Missing guy marker		1st pole east of Sta. 33533 on Rd. 350N.
48	Two missing guy markers		Corner pole north of Sta. 33397 at the east end of Rd. 350N.
48	Missing guy marker		At Sta. 33397 at the east end of the circuit east of Bishop Hill.
49	Missing guy marker		1st pole west of Rd. 1800E in the tap to Sta. 34011.
49	<b>Code guying violation (NESC 279.A.2):</b> Ungrounded overhead guy without strain insulator (ground connection is disconnected).		At Sta. 34011 west of Rd. 1800E, southwest of Galva.
49	Missing guy marker		On the guy stub pole west of Sta. 34011, west of Rd. 1800E.
50	<b>Code guying violation (NESC 279.A.2):</b> Ungrounded downguy without strain insulator & split pole top & missing guy marker.		3rd pole south of the tap to Sta. 34010 on Rd. 1800E, southwest of Galva.
50	<b>Code guying violation (NESC 279.A.2):</b> Ungrounded downguy with strain insulator too low in downguy & missing guy marker.		On Rd. 1800E at the tap to Sta. 34010, southwest of Galva.
50	<b>Code guying violation (NESC 279.A.2):</b> Ungrounded downguy without strain insulator		At Sta 34010 east of Rd. 1800E, southwest of Galva.
50	<b>Code guying violation (NESC 279.A.2):</b> Ungrounded downguy with strain insulator too low in downguy & missing guy marker.		On the south side of Rd. 2900N at Sta. 34009, southwest of Galva.
51	<b>Code railroad crossing violation (NESC 261.D.4.c):</b> Single wood crossarm supporting a 3-phase crossing of a railroad, on the south side of the railroad crossing (Double crossarms required) & blown lightning arrester.	118-1900	At the Burlington Northern railroad crossing on Rd. 1800E at Sta. 34930, southwest of Galva.
51	Missing guy marker		On Rd. 1800E on the north side of the Burlington Northern railroad.
51	Missing guy marker		At Sta. 34013 west of Rd. 1800E.
52	Missing guy marker		Southeast corner of Rd. 1800E & Rd. 3000N (Knox Co.)
52	Hanging steel brace		3 spans north of Rd. 3000N (Knox Co.) on Rd. 1770E.
53	Badly split (lightning damaged) crossarm	1898, 1899	7 spans south of Rts. 34 & 17 on Rd. 1770E.

(continued)

**Attachment "N" (continued)**

Summary of Distribution Circuit Field Inspection by ICC Staff			
Utility:	AmerenIP	Date:	4/15/08
Circuit:	M31203 (Galva, Bishop Hill, Nekoma, & rural)	Inspector:	J. D. Spencer, w/ Jason Simac (Ameren)
Map No.	Item Description	Photo(s)	Location
53	<b>Code guying violations (NESC 279.A.2):</b> Two ungrounded overhead guys without strain insulators.		Crossing Rts. 34 & 17 at Rd. 1770E, west of Galva.
54	Two missing guy markers		Northeast corner of Rds. 200N & 1770E.
54	Badly shell rotted pole		2 spans north of Rd. 200N on Rd. 1770E.
54	Missing guy marker		At Sta. 33400 on Rd. 1770E north of Rd. 200N.
57	Bottom pole top pin bolt coming out of pole		3 spans west of Rd. 1850E on Rd. 300N.
57	Broken neutral spool		5 spans west of Rd. 1850E on Rd. 300N.
57	<b>Code guying violation (NESC 279.A.2):</b> Ungrounded downguy without strain insulator (top downguy) & two missing guy markers.		On Rd. 300N, just north of Sta. 33933, northwest of Galva.
57	Missing guy marker		At Sta. 33933 south of Rd. 300N.
58	Missing guy marker		Southwest corner of Rt. 34 & Rd. 1850E.
58	Shell rotted pole		5 spans north of Rt. 34 on Rd. 1850E.
59	<b>Code guying violation (NESC 279.A.2):</b> Ungrounded downguy without strain insulator & missing guy marker.		On the last pole on the east side of Rd. 1850E south of Rd. 200N, west of Galva.
59	Broken guy strain insulator & two missing guy markers.		On the first pole on the west side of Rd. 1850E south of Rd. 200N.
59	Missing guy marker		On the next to last pole on the east side of Rd. 1850E south of Rd. 200N.
59	Badly split crossarm		1st pole north of Sta. 33941 on Rd. 1850E.
59	Hanging steel brace		3rd pole north of Sta. 33941 on Rd. 1850E.
59	Hanging steel brace		5th pole north of Sta. 33941 on Rd. 1850E.
59	<b>Code guying violation (NESC 279.A.2):</b> Ungrounded downguy without strain insulator & missing guy marker.		On the first pole west of Rd. 1850E in the tap to Sta. 33936, west of Galva.
59	Field side wood pin through arm (neutral)		On Rd. 1850E at the 3rd pole north of the tap to Sta. 33936.
59	Deteriorated crossarm with the field side wood pin through arm (neutral)		On Rd. 1850E at the 4th pole north of the tap to Sta. 33936.
60	Missing guy marker		On the guy stub pole at the northwest corner of Rds. 1850E & 300N.
60	<b>Code guying violations (NESC 279.A.2):</b> Two ungrounded overhead guys, 1 to north with strain insulator too far from pole, and 1 to east without strain insulator.		Corner of Rds. 1850E & 300N, northwest of Galva.
60	Missing guy marker		On the guy stub pole at the southeast corner of Rds. 1850E & 300N.
60	<b>Code guying violation (NESC 279.A.2):</b> Ungrounded downguy without strain insulator & deteriorated crossarm with neutral pin through arm.	1897	1 span south of Rd. 300N on Rd. 1850E, northwest of Galva.
60	Missing guy marker		On Rd. 1850E at the tap to Sta. 33934.
60	Missing guy marker		At Sta. 33934 east of Rd. 1850E.
60	Neutral pin through arm		1st pole south of the tap to Sta. 33934 on Rd. 1850E.
60	Missing guy marker		2nd pole south of the tap to Sta. 33934 on Rd. 1850E.
60	Missing guy marker		At Sta. 33935 on Rd. 1850E.
60	Lightning damaged crossarm (wired together)	1895, 1896	5th pole south of Sta. 33935 on Rd. 1850E.

**Attachment "O"**

Summary of Distribution Circuit Field Inspection by ICC Staff			
<b>Utility:</b>	AmerenIP	<b>Date:</b>	4/15-16/08
<b>Circuit:</b>	N70332 (Kewanee & rural)	<b>Inspector:</b>	J. D. Spencer, w/ Jason Simac (Ameren--4/15) & w/ Dan Runyon (Ameren--4/16)
<b>Gen. Notes:</b> This was an AmerenIP next-worst SAIFI 12 kV circuit in 2007, with a SAIFI of 3.44. It serves the south edge of Kewanee and a rural area south of Kewanee. Staff noted several new poles in the circuit, but also noted eighteen (18) shell rotted poles and another pole badly burned at the ground line. There are many "extra" lightning arresters in the rural areas, and animal guarding is well done. Fourteen missing guy markers were noted. <b>Staff noted NESC guying violations at seven (7) locations, but did not try to find others.</b>			
Map No.	Item Description	Photo(s)	Location
2 of 45	Six shell rotted poles		1st, 2nd, 3rd, 7th, 10th & 11th poles north of the tap to Sta. 34198 on Rd. 2450E.
2	Badly shell rotted & lightning damaged pole with bad top	119-1905	9th pole north of the tap to Sta. 34198 on Rd. 2450E.
3	<b>Code guying violation (NESC 279.A.2):</b> Ungrounded 12 kV overhead guy without strain insulator (on NEW POLE).		Crossing Rd. 2450E at Rd. 200N, southwest of Kewanee.
4	<b>Code guying violation (NESC 279.A.2):</b> Ungrounded 12 kV overhead guy without strain insulator.		Crossing Midland Rd. (Rd. 350N) at Rd. 2450E, southwest of Kewanee.
9	Badly shell rotted pole		3rd pole north of the tap to Sta. 34748 on Rd. 2550E.
10	Pole badly burned at ground line (marked for replacement)	1906, 1907	5th pole south of Rd. 200N on Rd. 2550E.
12	<b>Code guying violations (NESC 279.A.2):</b> Four ungrounded 12 kV overhead guys, two without strain insulators & two with strain insulators too far from pole..		Corner of Midland Rd. (Rd. 350N) & Rd. 2550E, south of Kewanee.
19	Coiled jumpers to lightning arresters		2 spans east of Beach St. on W. South St., Kewanee.
20	Missing guy marker		On Rd. 100N at the tap to Sta. 34123 (1 span west of Sta. 33756).
23	Spacer cable off the messenger		South of Rd. 300N on Rt. 34.
23	Missing guy marker		4th pole south of Sta. 34620 on Rt. 34.
24	Missing guy marker		1st pole south of Sta. 34963 on Rt. 34.
24	Missing guy marker		1st pole north of recloser Sta. 332-1 on Rt. 34.
25	Two primary spacer cable phase conductors out of spacer		Just west of Rt. 34 in the tap to Sta. 10900, Kewanee.
25	<b>Code guying violation (NESC 279.A.2):</b> Ungrounded 12 kV overhead guy without strain insulator (on NEW POLE).		Overhead guy going east from Sta. 10600 on the east side of Rt. 34 (Tenney St.), north of W. South St., Kewanee.
28	Missing guy marker		1st pole on the north side of Rd. 300N, 6 spans west of Rd. 2700E.
29	Blown lightning arrester (road side)		5 spans west of Rd. 2700E on Rd. 300N.
29	Broken neutral spool		2 spans west of Rd. 2700E on Rd. 300N.
32	Split pole top		1 span west of Rd. 2750E on Rt. 91.
32	Missing guy marker		On Rd. 2750E at the tap to Sta. 34634.
32	Missing guy marker		At Sta. 34634 west of Rd. 2750E, on guy stub pole.
32	Badly split (lightning damaged) crossarm	1908, 1909	2nd pole north of Sta. 34221 on Rd. 2750E.
35	Shell rotted pole		4th pole west of Sta. 34130 on Rd. 100N.
39	Blown lightning arrester (road side)		4th pole west of the tap to Sta. 34138 on Rd. 400N.
39	Missing guy marker		At Sta. 34138 south of Rd. 400N.
39	<b>Code guying violations (NESC 279.A.2):</b> Three ungrounded 12 kV downguys without strain insulators.		Southwest corner of Rds. 400N & 2800E, southeast of Kewanee.
39	Lightning arrester with broken jumper to hot tap		4 spans south of Rd. 400N on Rd. 2800E.
40	Missing guy marker		On Rd. 2850E at the tap to Sta. 34602.
40	Missing guy marker		At Sta. 34602 east of Rd. 2850E.
40	Five shell rotted poles		2nd, 3rd, 4th, 5th, & 6th poles north of Rd. 150N on Rd. 2850E.
40	Shell rotted pole & missing guy marker		1st pole east of Rd. 2850E on Rd. 150N.
40	Shell rotted pole		2nd pole east of Rd. 2850E on Rd. 150N (at the tap to Sta. 34855).

(continued)

**Attachment "O" (continued)**

Summary of Distribution Circuit Field Inspection by ICC Staff			
<b>Utility:</b>	AmerenIP	<b>Date:</b>	4/15-16/08
<b>Circuit:</b>	N70332 (Kewanee & rural)	<b>Inspector:</b>	J. D. Spencer, w/ Jason Simac (Ameren--4/15) & w/ Dan Runyon (Ameren--4/16)
Map No.	Item Description	Photo(s)	Location
41	Missing guy marker		On the north side of Rt. 91 at Rd. 2850E.
42	Missing guy marker		On Rd. 2850E at the tap to Sta. 34142.
42	Missing guy marker		On Rd. 300N at Rd. 2850E.
42	<b>Code guying violation (NESC 279.A.2):</b> Ungrounded 12 kV overhead guy without strain insulator.		Crossing Rd. 300N one span east of Rd. 2850E, southeast of Kewanee.
43	<b>Code guying violation (NESC 279.A.2):</b> Ungrounded 12 kV overhead guy without strain insulator.		Crossing N. 300 Ave. 3 spans northwest of Sta. 33873, southeast of Kewanee.
43	Two shell rotted poles		1st & 2nd poles west of Sta. 34146 on Rd. 250N.

**Attachment "P"**

Summary of Distribution Circuit Field Inspection by ICC Staff			
<b>Utility:</b>	AmerenIP	<b>Date:</b>	4/23/08
<b>Circuit:</b>	P26284 (Marseilles & rural)	<b>Inspector:</b>	J. D. Spencer, w/ Tim McTaggart (Ameren)
<b>Gen. Notes:</b> This was an AmerenIP next-worst SAIFI 12 kV circuit in 2007, with a SAIFI of 3.35. It serves a small southern part of Marseilles and a rural area southwest, south, and southeast of Marseilles. There are several inaccessible areas. Staff noted several new poles in the circuit, but also noted twelve (12) shell rotted poles and several other poles and crossarms with structural deterioration or damage. Animal guarding is "hit and miss", and more animal guards are needed. More lightning arresters are needed in the rural areas. Tree trimming was generally very well done (and in progress during the inspection), but four close locations were noted. Eleven missing guy markers were noted. <b>Staff noted NESC guying violations at nine (9) locations, but made no effort to find others.</b>			
Map No.	Item Description	Photo(s)	1 of 54
1 of 54	<b>Code guying violation (NESC 279.A.2):</b> Ungrounded downguy without strain insulator & split pole top & broken ground wire.		At the west end of the circuit on N. 25th Rd. (Illini Beach Rd., CH 66), southwest of Marseilles.
2	Missing guy marker		On N. 27th Rd. (Beach Rd., CH 55) at the tap to Sta. 75361.
4	Lightning damaged pole top		2 spans east of E. 20th Rd. on N. 25th Rd.
8	Missing guy marker		1st pole south of Sta. 75368 on 2079th Rd.
8	No primary downguy		At the north end of the circuit on N. 2079th Rd.
9	<b>Code guying violation (NESC 279.A.2):</b> Ungrounded 12 kV overhead guy without strain insulator.		Crossing E. 21st Rd. at the tap to Sta. 75239, southwest of Marseilles.
9	Shell rotted guy stub pole		On the west side of E. 21st Rd. at the tap to Sta. 75239.
9	Shell rotted pole		1 span north of N. 24th Rd. on E. 21st Rd.
9	Shell rotted pole with bad top		Northeast corner of E. 21st & N. 24th Rds.
9	Shell rotted guy stub pole		Northwest corner of E. 21st & N. 24th Rds.
9	Shell rotted pole		1 span east of E. 21st Rd. on N. 24th Rd.
9	Shell rotted pole & broken ground wire		2 spans east of E. 21st Rd. on N. 24th Rd.
9	<b>Code guying violation (NESC 279.A.2):</b> Ungrounded downguy with strain insulator too low in downguy & shell rotted pole.		3 spans east of E. 21st Rd. on N. 24th Rd., southwest of Marseilles.
9	Shell rotted pole		4 spans east of E. 21st Rd. on N. 24th Rd.
10	Shell rotted pole		8 spans south of N. 25th Rd. on E. 21st St.
10	Lightning damaged pole top		2 spans east of E. 21st St. on N. 24th Rd.
13	Badly shell rotted pole		1st pole west of where the circuit changes sides of N. 24th Rd.
13	Two missing guy markers		One on each side of N. 24th Rd. where the circuit changes sides of the road.
13	<b>Code guying violation (NESC 279.A.2):</b> Ungrounded downguy with strain insulator too low in downguy & shell rotted pole & missing guy marker.		1 span west of the tap to Sta. 75242 on N. 24th Rd., southwest of Marseilles.

(continued)

## Attachment "P" (continued)

Summary of Distribution Circuit Field Inspection by ICC Staff			
Utility:	AmerenIP	Date:	4/23/08
Circuit:	P26284 (Marseilles & rural)	Inspector:	J. D. Spencer, w/ Tim McTaggart (Ameren)
Map No.	Item Description	Photo(s)	1 of 54
13	No primary downguy		At the tap to Sta. 75242 on N. 24th Rd.
13	Missing guy marker		1 span west of Sta. 75682 on N. 24th Rd.
17	Split pole top		2nd pole north of N. 24th Rd. on CH 15.
18	Badly split crossarm		1st pole west of Sta. 28575 on CH 15 (N. 25th Rd.)
22	<b>Code guying violation (NESC 279.A.2):</b> Ungrounded 12 kV downguy without strain insulator.		1st pole west of 2453rd Rd. on N. 25th Rd. (at OCR station), south of Marseilles.
22	Split pole top & woodpecker hole in pole	119-1912	On Troll Rd. (not shown or labeled on map) on 3-way corner pole at the tap to Sta. 75660.
22	Blown lightning arrester		At Sta. 76054 on 2453rd Rd. just west of E. 23rd Rd.
25	Lightning damaged crossarm		2nd pole east of Sta. 75891 on N. 24th Rd.
26	Missing guy marker		At Sta. 75669 east of E. 23rd Rd. (north of 2453rd Rd.)
26	Missing guy marker		1st pole east of Sta. 75247 on 2453rd Rd.
26	Trees into primary		2nd span east of 2350th Rd. on 2453rd Rd.
30	<b>Code guying violation (NESC 279.A.2):</b> Ungrounded 12 kV downguy without strain insulator.		Northeast corner of E. 2360th Rd. (not shown or labeled on map) & N. 24th Rd. (1st pole south of Sta. 75787), south of Marseilles.
30	Trees close to primary		Between Stas. 75693 & 75753 on E. 2360th Rd. (not shown or labeled on map).
30	<b>Code guying violations (NESC 279.A.2):</b> Ungrounded 12 kV overhead guy & ungrounded 12 kV downguy without strain insulators.		At Sta. 75251 at the south end of the circuit on E. 24th Rd., south of Marseilles.
31	Badly deteriorated pole top	1910, 1911	3-way corner pole at the tap to Sta. 75695 east of 2350th Rd. (not labeled on map).
31	<b>Code guying violation (NESC 279.A.2):</b> Ungrounded downguy without strain insulator & missing guy marker.		On the pole (not shown on map) east of Sta. 75249 on 2453rd Rd., south of Marseilles.
33	Split (lightning damaged) wood brace		8 spans west of 2425th Rd. on Dupont Rd. (CH 30).
34	<b>Code guying violation (NESC 279.A.2):</b> Ungrounded 12 kV downguy without strain insulator.		At Sta. 76109 (on primary riser pole) east of CH 15 (Main St.), Marseilles.
35	Missing guy marker		At Sta. 75250 on N. 2375th Rd.
35	Shell rotted pole		2 spans west of Sta. 75937 on N. 2375th Rd. (pole not shown on map).
35	Missing guy marker		3 spans west of CH 30 (Brookfield Church Rd.) in the tap to Sta. 75254.
36	Broken neutral spool		2 spans north of the tap to Sta. 75254 on CH 30.
36	Broken neutral spool		Approximately 5 or 6 spans north of the tap to Sta. 75254 on CH 30.
38	Trees close to primary		1st span east of Sta. 76332 on 2350th Rd.
38	Trees into primary		2nd & 3rd spans east of Sta. 76332 on 2350th Rd.
38	Badly lightning damaged pole		4 spans south of Sta. 75221 on 2425th Rd.

**Attachment "Q"**

Summary of Distribution Circuit Field Inspection by ICC Staff			
<b>Utility:</b>	AmerenIP	<b>Date:</b>	5/12/08
<b>Circuit:</b>	N50331 (Jacksonville, Arcadia, & rural)	<b>Inspector:</b>	J. D. Spencer, w/ Mary Bilyeu
<b>Gen. Notes:</b> This was an AmerenIP worst performing 12 kV circuit in 2007, repeating in that category from 2004 and 1999. It serves a northern and eastern part of Jacksonville and a rural area east of and north of Jacksonville, including the community of Arcadia. Staff inspected the portion of the circuit feeding east and northeast from Jacksonville. Tree trimming was well done on the approximate half of the circuit Staff inspected, with a few exceptions noted. Animal guarding was well done. Several "extra" lightning arresters were noted, but more may be needed. Staff noted several new crossarms and some new poles. <b>Staff noted an NESC ground clearance violation at one location and a railroad crossing violation at one location. Staff also noted an NESC guying violation at one location, but made no effort to find others.</b>			
Map No.	Item Description	Photo(s)	Location
35 of 97	<b>Code guying violation (NESC 279.A.2):</b> Insulator in 12 kV downguy too high (at pole).		At the east end of the circuit on Spates St., Jacksonville.
46	<b>Code railroad crossing violation (NESC 261.D.4.c):</b> Single wood crossarm supporting a 3-phase crossing of a railroad, on the north side of the railroad crossing (Double crossarms required)	119-1927	Just south of the corner of Routt & Johnson Sts. (south of Mauvaisterre Creek), Jacksonville.
59	Trees close to primary		In the span just west of Sta. 11114 on CH 3.
70	Broken primary pole, broken primary downguy, & <b>Code clearance violation (NESC 232.B.1):</b> Inadequate neutral clearance above ground.	1929, 1930, 1931	1st pole east of Earl Rd. on Old Rt. 36 East (in de-energized section of circuit), east of Jacksonville.
75	Guy stub pole with badly split pole top		Northeast corner of Old Rt. 36 & Fox Ln.
77	Vines up pole to single-phase primary conductor	1932	On the west side of Wohlers Rd. 1 span north of where the circuit changes from the east side to the west side of the road.
86	Woodpecker hole in pole		On the south side of Trafton Rd. 1 span east of where the circuit changes from the north side to the south side of the road.
87	Badly shell rotted pole		1st pole west of the tap to Sta. 10880 on York Rd.
87	Split pole top	1928	1st pole north of the tap to Sta. 10849 on York Rd.
89	Trees into primary		2nd span west of Sta. 13295, west of Matson Rd.
90	Tree into primary		Just east of Sta. 10885 on Twyford Rd. (east of Matson Rd.)
96	Shell rotted pole		1st pole west of Sta. 10892 on Harris Rd.

**Attachment "R"**

Summary of Distribution Circuit Spot Checks by ICC Staff			
<b>Utility:</b>	AmerenIP	<b>Dates:</b>	1/13, 2/20, 3/11, 4/14, 4/17, 4/23, 4/24, 5/29, 6/15, & 7/8/08
<b>Circuits:</b>	L12127 (Decatur); P54828 (Harvel); P98193 (Normal); J67132 (Bloomington); K36251 (Clinton); M26164 (W. of Warrensburg); M18131 (W. of Decatur); M05360 (Edwardsville); J12166 (SW of Argenta); Q34366 (Ottawa); Q34360 (Ottawa); K91115 (Decatur); 34 kV Line 3416 (Decatur); L24122 (Mt. Zion); K65221 (E. of Ellsworth); L70125 (Danville); L68115 (Danville); L68114 (Danville); L73155 (Danville); L74191 (Danville); & R06212 (South Jacksonville)	<b>Inspector:</b>	J. D. Spencer, w/ Bev Hall (Ameren--2/20, 3/11), w/ Mary Bilyeu (4/14), w/ Tim McTaggart (Ameren--4/23)
<b>Gen. Notes:</b> These are 2008 spot-checks of AmerenIP circuits, consisting of either follow-ups on prior year circuit problems or of new problems found that are not associated with other circuit inspections performed by ICC Staff. Staff's notes resulting from its 2008 inspections are shown in the item descriptions below in blue and red font. <b>New NESC violations are noted at four locations.</b>			
<b>Circuit--Date</b>	<b>Item Description</b>	<b>Photo(s)</b>	<b>Location</b>
L12127--1/13/08	Downguy broken & hanging on pole.		On the east side of N. MacArthur Rd. across from Arthur Ct., Decatur.
P54828--2/20/08	Attempted to verify correction of a clearance issue cited as an NESC violation in 2007-- 12 kV primary crossing over a skip-span pole with approximately 2 to 3 ft. vertical clearance. AmerenIP stated that it would de-energize or cover the primary wire when working above the lower supporting structure and it verified that the required minimum NESC clearance for those circumstances (2.5 ft.) was met. It also later installed a taller pole, contacting both the primary and secondary conductors.	117-1747, 1748 (2007)	On the north side of Township Rd. just east of Bennett St. (southwest of Sta. 10935), Harvel (map 30--Harvel, Raymond, & rural).
P98193--3/11/08	Verified correction of prior year NESC clearance violation-- 12 kV primary crossing over a street light on a skip-span pole with approximately 24 in. or less vertical clearance. OK 3/11/08.	116-1672, 1673, 1674 (2007)	Across from 1005 Gregory St., just west of Grove St. & the ISU golf course, Normal.
J67132--3/11/08	Verified correction of prior year NESC railroad crossing violation-- Single wood crossarm supporting a 3-phase crossing of a railroad, on the south side of the railroad crossing. (Double crossarms required). OK 3/11/08	116-1679 (2007)	Gridley St. at Oakland Ave., Bloomington.
K36251--3/11/08	Verified correction of prior year NESC railroad crossing violation-- Single wood crossarm supporting a 3-phase crossing of a railroad, on the south side of the railroad crossing. (Double crossarms required-- NEW POLE). OK 3/11/08.	116-1640 (2007)	Alexander Ave. north of Washington St., Clinton.
M26164--3/11/08	Verified correction of prior year NESC railroad crossing violation-- Single wood crossarm supporting a single phase crossing of a railroad, on the north side of the railroad crossing. (Double crossarms required). OK 3/11/08.	112-1273, 1274 (2007)	Rt. 121 at Flanagan Rd. (7300 Rd.), west of Warrensburg.
M18131--3/11/08	<b>Code railroad crossing violation (NESC 261.D.4.c):</b> Single wood crossarm supporting a three phase crossing of a railroad, on the north side of the railroad crossing. (Double crossarms required).	118-1859	Along Wyckles Road north of Rt. 36, west of Decatur.
	Disconnected wood brace (hanging down--roadside).		6th pole north of the railroad, north of Rt. 36 on Wyckles Road, west of Decatur.
	Lightning damaged, splintered wood brace		14th pole north of I-72 on Wyckles Road, west of Decatur.

(continued)

**Attachment "R" (continued)**

Summary of Distribution Circuit Spot Checks by ICC Staff			
<i>Circuit-- Date</i>	<i>Item Description</i>	<i>Photo(s)</i>	<i>Location</i>
M05360-- 4/14/08	Verified correction of prior year NESC railroad crossing violation-- Single wood crossarm supporting a three phase crossing of a railroad, on the west side of the railroad crossing. (Double crossarms required). <a href="#">OK 4/14/08.</a>	113-1357 (2007)	South of Old Alton-Edwardsville Rd. at the Wabash railroad crossing (at 34 kV Str. 70), Edwardsville (map 20-- Edwardsville & rural).
	Verified correction of prior year NESC railroad crossing violation-- Single wood crossarm supporting a three phase crossing of a railroad, on the west side of the railroad crossing. (Double crossarms required). <a href="#">OK 4/14/08.</a>	113-1373 (2007)	Main St. (Rt. 143) at the Wabash railroad crossing, Edwardsville (map 20-- Edwardsville & rural).
J12166-- 4/17/08	Verified correction of prior year NESC railroad crossing violation-- Single wood crossarm supporting a single-phase (on arms) crossing of a railroad, on the east side of the railroad crossing. (Double crossarms required). <a href="#">OK 4/17/08.</a>	117-1725, 1726 (2007)	Wise Rd. just west of Rt. 48, southwest of Argenta (map 24-- Argenta, Oreana, & rural).
Q34366-- 4/23/08	Verified correction of prior year NESC railroad crossing violation-- Single wood crossarm supporting a 3-phase crossing of a railroad, on the south side of the railroad crossing. (Double crossarms required). <a href="#">OK 4/23/08.</a>	116-1633, 1634 (2007)	LaSalle St. north of Marquette St., Ottawa.
	Verified correction of prior year NESC railroad crossing violation-- Single wood crossarm supporting a 3-phase crossing of a railroad, on the north side of the railroad crossing. (Double crossarms required). <a href="#">OK 4/23/08.</a>	116-1635, 1636 (2007)	LaSalle St. just north of Fremont St., Ottawa.
Q34360-- 4/23/08	Verified correction of prior year NESC railroad crossing violation-- Single wood crossarm supporting a 3-phase crossing of a railroad, on the south side of the railroad crossing. (Double crossarms required). <a href="#">OK 4/23/08.</a>	116-1638 (2007)	Columbus St. north of Marquette St., Ottawa.
K91115-- 4/24/08	<b>Code railroad crossing violation (NESC 261.D.4.c):</b> Single wood crossarm supporting a 3-phase crossing of a railroad, on the north side of the railroad crossing. (Double crossarms required).	119-1913, 1914	East side of Brush College Road south of Reas Bridge Road adjacent to the AmerenIP ADM substation, Decatur.
	<b>Code railroad crossing violation (NESC 261.D.4.c):</b> Single wood crossarm supporting a single-phase crossing of a railroad, on the south side of the railroad crossing. (Double crossarms required).	119-1915	West side of Brush College Road south of Reas Bridge Road across from the AmerenIP ADM substation, Decatur.
34 kV Line 3416-- 4/24/08	<b>Code railroad crossing violations (NESC 261.D.4.c):</b> Single wood crossarms supporting a 3-phase crossing of a railroad, on both sides of the railroad crossing. (Double crossarms required).		West side of Brush College Road south of Reas Bridge Road just south of the AmerenIP ADM substation, Decatur.
L24122-- 4/24/08	Verified correction of prior year NESC ground clearance violation-- Secondary approximately 10 to 12 ft. high at mid-span (16 ft. required). <a href="#">OK 4/24/08.</a>	117-1771 (2007)	CH 30 just west of the entrance to PPG, in the span going east from Sta. 26950, Mt. Zion.
K65221-- 5/29/08	Verified correction of prior year NESC ground clearance violation-- Neutral approximately 10 ft. to 11 ft. high at mid-span (15.5 ft. required). <a href="#">OK 5/29/08.</a>	112-1263 (2007)	CH 28 (1200N), 2nd span east of tap to Sta. 17495, east of Ellsworth (map 47-- Colfax, Ellsworth, Cooksville, & rural).
L70125-- 5/29/08	Verified correction of prior year NESC railroad crossing violation-- Single wood crossarm supporting a 3-phase crossing of a railroad, on the south side of the railroad crossing. (Double crossarms required). <a href="#">OK 5/29/08.</a>	117-1705 (2007)	Oregon Ave. between Fairchild & Daniel Sts., Danville.

(continued)

**Attachment "R" (continued)**

<b>Summary of Distribution Circuit Spot Checks by ICC Staff</b>			
<b>Circuit-- Date</b>	<b>Item Description</b>	<b>Photo(s)</b>	<b>Location</b>
L68115-- 5/29/08	Verified correction of prior year NESC ground clearance violations-- 12 kV primary (3 spans of Circuit L68115--bottom circuit on poles) along a city street with vertical clearances ranging from 14'-9" to 18'-7". (At least 20 ft. vertical clearance is required). <a href="#">OK 5/29/08.</a>	117-1708 (2007) (3rd span)	1st three spans east of Griffin St. on Williams St., Danville.
L68114-- 5/29/08	Verified correction of prior year NESC ground clearance violation-- 12 kV primary (1 span of Circuit L68114--top circuit on poles) along a city street with a vertical clearance of 19'-10". (At least 20 ft. vertical clearance is required). <a href="#">OK 5/29/08.</a>	117-1708 (2007) (3rd span)	3rd span east of Griffin St. on Williams St., Danville.
L73155-- 5/29/08	Verified correction of prior year NESC railroad crossing violation-- Single wood crossarm supporting a 3-phase crossing of a railroad, on the west side of the railroad crossing. (Double crossarms required). <a href="#">OK 5/29/08.</a>	117-1706 (2007)	Corner of Williams & Robinson Sts., Danville.
L74191-- 5/29/08	Verified correction of prior year NESC interstate highway crossing violation-- Single wood crossarm supporting a 3-phase crossing of an interstate highway, on the north side of the crossing. (Double crossarms required). <a href="#">OK 5/29/08.</a>		North side of I-74 at Catlin Rd., Danville.
L12127-- 6/15/08	<a href="#">Broken plastic secondary pedestal, with top split open &amp; accessible to public.</a>		<a href="#">On the west side of the cul-de-sac at the north end of Wisteria Ct., Decatur.</a>
R06212-- 7/8/08	<a href="#">Several broken spacer cable spacers.</a>		<a href="#">Along E. Vandalia St. between S. Main St. &amp; Nichols Park, South Jacksonville.</a>

**Attachment "S"**

Summary of Tree Conditions Field Inspections by ICC Staff			
Utility:	AmerenIP	Date:	5/12/08
Circuits:	Random	Inspector:	J. D. Spencer, w/ Mary Bilyeu
Gen. Notes: Mixed results, depending on the location inspected. See the general notes, below, for each town inspected. Staff noted an NESC violation at one location and four other circuit problems during these tree trimming inspections.			
Town	Item Description	Photo(s)	Location
<b>Jacksonville (5/12/08)</b> -- <i>Trimming was inconsistent--okay in much of the city, but there were many tree conflicts in the west half of town (as has historically been the case). Three broken spacer cable spacers were also noted.</i>			
	Catalpa tree very close to primary		Finley St. north of Maple St.
	Sycamore tree into primary	119-1924	Webster Ave. north of Maple St.
	Oak tree very close to primary		Webster Ave. north of Maple St.
	Cedar tree very close to primary		N. Sandusky St. between Freedman & Maple Sts.
	Ash tree close to primary		N. Sandusky St. just south of Freedman St.
	Soft maple tree very close to primary		N. Sandusky St. just north of Dayton St.
	Soft maple tree very close to primary	1923	N. Sandusky St. just north of Lafayette Ave.
	Broken spacer cable spacer		Westgate Ave. north of Mound Rd.
	Ash trees close to primary		State St. between Grand Ave. & Chestnut St.
	Oak trees into primary	1920	State St. east of Finley St. (across from Illinois School for the Deaf).
	Ash tree close to primary	1921	State St. between Finley St. & Webster Ave. (across from Illinois School for the Deaf).
	Oak tree very close to primary		State St. just west of Webster Ave.
	Oak tree very close to primary		N. Sandusky St. just south of Lafayette Ave.
	Silver maple tree into primary	1922	N. Sandusky St. north of Duncan Park (between State St. & Lafayette Ave.)
	Broken spacer cable spacer		Mound Ave. just east of City Place.
	Sycamore tree into & overhanging 3-phase primary	1918, 1919	Mound Ave. west of Woodland Place.
	Silver maple tree into 3-phase spacer cable	1925, 1926	Diamond St. just south of Beecher Ave.
	Broken spacer cable spacer		Brooklyn Ave. south of Henry St. (at Mauvaisterre Creek).
<b>South Jacksonville (5/12/08)</b> -- <i>Trimming was very well done, with no problems noted. One broken spacer cable spacer was noted. One NESC clearance violation was also noted.</i>			
	Broken spacer cable spacer		Hardin Ave. just south of Michigan Ave.
	<b>Code clearance violation (NESC 234.B.2):</b> 12 kV spacer cable crossing over a street light bracket on a skip-span pole with approximately 24 in. vertical clearance. (At least 4.5 ft. vertical clearance is required unless the primary is de-energized anytime employees work above the lower supporting structure.)	119-1916, 1917	Vandalia St. in the first full span west of Clay Ave., South Jacksonville (Circuit R06212).

**Attachment "T"**

**Summary of 2008 NESC Violations Noted by ICC Staff -- AmerenIP**

Loc. No.	Circuit-- Date Inspected	Item Description	Photo(s)	Location	Date Utility Notified	Date Resolved	Date Verified
1	P47123-- 2/13-14/08	<b>Code guying violation (NESC 279.A.2):</b> Ungrounded 69 kV downguy without strain insulator properly placed below energized 12 kV conductors (existing wooden guy strain insulator is too high).	118-1819	1st pole east of Rd. 1200E (69 kV Str. 293) on Rd. 1400N (CH 6), southwest of Cameron (map 70--Monmouth, Cameron, Ormonde, Larchland, Berwick, & rural)..	5/7/08		
2	M18131-- 3/11/08	<b>Code railroad crossing violation (NESC 261.D.4.c):</b> Single wood crossarm supporting a three phase crossing of a railroad, on the north side of the railroad crossing. (Double crossarms required).	118-1859	Along Wyckles Road north of Rt. 36, west of Decatur.	3/11/08		
3 to 9	K39153-- 3/25/08	<b>Numerous code guying violations (NESC 279.A.2)-- at 7 locations:</b> Ungrounded downguys or overhead guys without strain insulators properly placed below energized conductors.	118-1860 to 1863	<b>7 Locations--</b> Refer to "Summary of Distribution Circuit Field Inspection by ICC Staff" for Circuit K39153 (Clinton, Lane, & rural) and to circuit maps 41, 42, 50, 53, and 54.	3/25/08		
10		<b>Code railroad crossing violations (NESC 261.D.4.c):</b> Single wood crossarms supporting a 3-phase crossing of a railroad, on both sides of the railroad crossing. (Double crossarms required).	118-1866, 1867	CH 1 (Rd. 1050E) just south of Rt. 10, at & 1 span south of the tap to Sta. 53085, Clinton (map 6--Clinton, Lane, & rural).	3/25/08		
11 to 17	K62102-- 4/1-2/08	<b>Numerous code guying violations (NESC 279.A.2)-- at 7 locations:</b> Ungrounded downguys or overhead guys without strain insulators properly placed below energized conductors.	118-1875, 1876, 1885 to 1887	<b>7 Locations--</b> Refer to "Summary of Distribution Circuit Field Inspection by ICC Staff" for Circuit K62102 (Concord, Chapin, Arenzville, & rural) and to circuit maps 29, 71, 96, 103, 113, and 129.	(4/2/08) 4/8/08		
18		<b>Code clearance violation (NESC 232.B.1):</b> Inadequate neutral clearance above ground. AmerenIP measured neutral clearance 4/16/08 to be 13' 8" (15.5 ft. required).	1888, 1889	In the E-W section of the circuit south of Reservoir Rd., in the first span east of the tap to Sta. 10994, southeast of Concord (map 91--Concord, Chapin, Arenzville, & rural).	(4/2/08) 4/8/08		
19		<b>Code clearance violation (NESC 232.B.1):</b> Inadequate neutral clearance above ground. AmerenIP measured neutral clearance 4/16/08 to be 13' 2" (15.5 ft. required).		1st span south of the tap to Sta. 10991 on Concord Rd., east of Concord (map 104).	(4/2/08) 4/8/08		
20		<b>Code clearance violation (NESC 232.B.1):</b> Inadequate neutral clearance above ground. AmerenIP measured neutral clearance 4/16/08 to be 13' 5" (15.5 ft. required).		1st span south of the tap to Sta. 13510 on Concord Rd., east of Concord (map 105).	(4/2/08) 4/8/08		
21		<b>Code clearance violation (NESC 232.B.1):</b> Inadequate neutral clearance above ground. AmerenIP measured neutral clearance 4/4/08 to be 13' 6" (15.5 ft. required).		On Concord Rd. in the 2nd span east of where the road turns to the north, southeast of Concord (map 109).	(4/2/08) 4/8/08		
22		<b>Code clearance violation (NESC 232.B.1):</b> Inadequate neutral clearance above ground. AmerenIP measured neutral clearance 4/16/08 to be 12' 3" (15.5 ft. required).		1st span west of Sta. 10978 on Sugar Hollow Rd., southeast of Concord (map 117).	(4/2/08) 4/8/08		
23		<b>Code clearance violation (NESC 232.B.1):</b> Inadequate neutral & primary clearance above ground. AmerenIP measured neutral clearance 4/16/08 to be 12' 2" & primary @ 15' 8" (15.5 ft. neutral height required).		North of Sugar Hollow Rd. in the tap to Sta. 10738, southeast of Concord (map 120).	(4/2/08) 4/8/08		
24		<b>Code clearance violation (NESC 232.B.1):</b> Inadequate primary clearance above ground. AmerenIP measured neutral clearance 4/4/08 to be 11' 2" & primary @ 14' 10" (15.5 ft. neutral height required).	1881	On Poor Farm Rd. in the 4th span south of the line corner going west to Sta. 10618, east of Concord (south of map 126).	(4/2/08) 4/8/08		

(continued)

**Attachment "T" (continued)**

Summary of 2008 NESC Violations Noted by ICC Staff -- AmerenIP							
Loc. No.	Circuit-- Date Inspected	Item Description	Photo(s)	Location	Date Utility Notified	Date Resolved	Date Verified
25	R06212-- 4/2/08	<b>Code guying violation (NESC 279.A.2):</b> Ungrounded 12 kV downguy without strain insulator.		At Sta. 10012 at the east end of Southview Dr., South Jacksonville (map 14--Jacksonville, South Jacksonville, & rural).	(4/2/08) 4/8/08		
26		<b>Code clearance violation (NESC 232.B.1):</b> Inadequate neutral clearance above ground. AmerenIP measured neutral clearance 4/14/08 to be 14' 10" in north span & 11' 11" in south span (15.5 ft. required).		Along Massey Lane in the spans on both sides of Sta. 11156, south of Jacksonville (map 5).	(4/2/08) 4/8/08		
27		<b>Code clearance violation (NESC 232.B.1):</b> Inadequate neutral clearance over a residential driveway. AmerenIP measured neutral clearance 4/14/08 to be 12' 0" (15.5 ft. required).	118-1891	On Lakelawn Dr. just north of Laurel Dr., South Jacksonville (map 18).	(4/2/08) 4/8/08		
28		<b>Code railroad crossing violation (NESC 261.D.4.c):</b> Single wood crossarm supporting a 3-phase crossing of a railroad, on the east side of the railroad crossing. (Double crossarms required).	1892, 1893	On E. Vandalia St. east of Lakeview Terrace at the entrance to Kiwanis Grove Park (at recloser Sta. 212-5), South Jacksonville (map 18).	(4/2/08) 4/8/08	4/4/08	5/12/08
29	M49410-- 4/14/08	<b>Code guying violations (NESC 279.A.2):</b> Two ungrounded 12 kV downguys without strain insulators.		On the west side of Rt. 157 across from the entrance to Glenwood Estates subdivision (at fuse station 410-37), Glen Carbon (map 2--Glen Carbon).	5/7/08		
30		<b>Code guying violation (NESC 279.A.2):</b> Ungrounded 12 kV downguy without strain insulator.		On the east side of Rt. 157 north of the entrance to Glenwood Estates subdivision (at Sta. 15526), Glen Carbon (map 2).	5/7/08		
31 to 46	M31203-- 4/15/08	<b>Numerous code guying violations (NESC 279.A.2)-- at 16 locations:</b> Ungrounded downguys or overhead guys without strain insulators properly placed below energized conductors.	118-1897, 119-1901, 1902	<b>16 Locations--</b> Refer to "Summary of Distribution Circuit Field Inspection by ICC Staff" for Circuit M31203 (Galva, Bishop Hill, Nekoma, & rural) and to circuit maps 3, 26, 44, 49, 50, 53, 57, 59, and 60.	4/15/08 4/22/08		
47		<b>Code clearance violation (NESC 232.B.1):</b> Inadequate neutral clearance above ground. AmerenIP measured the neutral height on 4/24/08 to be 12' 2" above ground (15.5' required).		1st span going west from Kronberg St. feeding Sta. 17030, at the northwest corner of Bishop Hill (map 37--Galva, Bishop Hill, Nekoma, & rural).	4/15/08 4/22/08		
48		<b>Code railroad crossing violation (NESC 261.D.4.c):</b> Single wood crossarm supporting a 3-phase crossing of a railroad, on the south side of the railroad crossing (Double crossarms required).	118-1900	At the Burlington Northern railroad crossing on Rd. 1800E at Sta. 34930, southwest of Galva (map 51).	4/15/08 4/22/08		
49 to 55	N70332-- 4/15-16/08	<b>Numerous code guying violations (NESC 279.A.2)-- at 7 locations:</b> Ungrounded downguys or overhead guys without strain insulators properly placed below energized conductors.		<b>7 Locations--</b> Refer to "Summary of Distribution Circuit Field Inspection by ICC Staff" for Circuit N70332 (Kewanee & rural) and to circuit maps 3, 4, 12, 25, 39, 42, and 43.	4/16/08 4/22/08		
56 to 64	P26284-- 4/23/08	<b>Numerous code guying violations (NESC 279.A.2)-- at 9 locations:</b> Ungrounded downguys or overhead guys without strain insulators properly placed below energized conductors.		<b>9 Locations--</b> Refer to "Summary of Distribution Circuit Field Inspection by ICC Staff" for Circuit P26284 (Marseilles & rural) and to circuit maps 1, 9, 13, 22, 30, 31, and 34.	4/23/08		
65	K91115-- 4/24/08	<b>Code railroad crossing violation (NESC 261.D.4.c):</b> Single wood crossarm supporting a 3-phase crossing of a railroad, on the north side of the railroad crossing. (Double crossarms required).	119-1913, 1914	East side of Brush College Road south of Reas Bridge Road adjacent to the AmerenIP ADM substation, Decatur.	4/24/08		
66		<b>Code railroad crossing violation (NESC 261.D.4.c):</b> Single wood crossarm supporting a single-phase crossing of a railroad, on the south side of the railroad crossing. (Double crossarms required).	1915	West side of Brush College Road south of Reas Bridge Road across from the AmerenIP ADM substation, Decatur.	4/24/08		
67	34 kV Line 3416-- 4/24/08	<b>Code railroad crossing violations (NESC 261.D.4.c):</b> Single wood crossarms supporting a 3-phase crossing of a railroad, on both sides of the railroad crossing. (Double crossarms required).		West side of Brush College Road south of Reas Bridge Road just south of the AmerenIP ADM substation, Decatur.	4/24/08		

(continued)

**Attachment "T" (continued)**

**Summary of 2008 NESC Violations Noted by ICC Staff -- AmerenIP**

Loc. No.	Circuit-- Date Inspected	Item Description	Photo(s)	Location	Date Utility Notified	Date Resolved	Date Verified
68	R06212-- 5/12/08	<b>Code clearance violation (NESC 234.B.2):</b> 12 kV spacer cable crossing over a street light bracket on a skip-span pole with approximately 24 in. vertical clearance. (At least 4.5 ft. vertical clearance is required unless the primary is de-energized anytime employees work above the lower supporting structure.)	119-1916, 1917	Vandalia St. in the first full span west of Clay Ave., South Jacksonville.	5/13/08	5/13/08	
69	N50331-- 5/12/08	<b>Code guying violation (NESC 279.A.2):</b> Insulator in 12 kV downguy too high (at pole).		At the east end of the circuit on Spates St., Jacksonville (map 35-- Jacksonville, Arcadia, & rural).	5/13/08		
70		<b>Code railroad crossing violation (NESC 261.D.4.c):</b> Single wood crossarm supporting a 3-phase crossing of a railroad, on the north side of the railroad crossing (Double crossarms required)	119-1927	Just south of the corner of Routt & Johnson Sts. (south of Mauvaisterre Creek), Jacksonville (map 46).	5/13/08		
71		Broken primary pole, broken primary downguy, & <b>Code clearance violation (NESC 232.B.1):</b> Inadequate neutral clearance above ground.	1929, 1930, 1931	1st pole east of Earl Rd. on Old Rt. 36 East (in de-energized section of circuit), east of Jacksonville (map 70).	5/13/08	5/14/08	