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Federal Communications Commission

Wireless Telecommunications Bureau

RADIO STATION AUTHORIZATION

LICENSEE: SOUTHEASTERN ELECTRIC COOPERATIVE

ATTN: ERIC JUNG
SOUTHEASTERN ELECTRIC COOPERATIVE
585 ILLINOIS 142
PO BOX 251
ELDORADO, IL 62930

Call Sign WNGA913	File Number
Radio Service IG - Industrial/Business Pool, Conventional	
Regulatory Status PMRS	
Frequency Coordination Number	

FCC Registration Number (FRN): 0002821106

Grant Date 05-10-2002	Effective Date 01-21-2011	Expiration Date 07-29-2012	Print Date
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STATION TECHNICAL SPECIFICATIONS

Fixed Location Address or Mobile Area of Operation

- Loc. 1 Area of operation**
Land Mobile Control Station meeting the 6.1 Meter Rule: IL
- Loc. 2 Address:** 3 MI W
City: HEROD **County:** POPE **State:** IL
Lat (NAD83): 37-34-58.2 N **Long (NAD83):** 088-28-36.2 W **ASR No.:** **Ground Elev:** 324.0
- Loc. 3 Address:** RT 142 .5 MI SE
City: ELDORADO **County:** SALINE **State:** IL
Lat (NAD83): 37-48-13.2 N **Long (NAD83):** 088-25-50.2 W **ASR No.:** **Ground Elev:** 119.0
- Loc. 4 Address:** PETERS CREEK ROAD - 3 MILES NE OF ELIZABETHTOWN, ILLINOIS
City: ELIZABETHTOWN **County:** HARDIN **State:** IL
Lat (NAD83): 37-30-32.3 N **Long (NAD83):** 088-14-52.9 W **ASR No.:** 1254915 **Ground Elev:** 243.8
- Loc. 5 Address:** BETWEEN RT 34 & 149 2.6 MI NNW
City: THOMPSONVILLE **County:** FRANKLIN **State:** IL
Lat (NAD83): 37-55-42.2 N **Long (NAD83):** 088-49-04.2 W **ASR No.:** **Ground Elev:** 126.0
- Loc. 6 Address:** NEAR EXIT 40 I57
City: GOREVILLE **County:** JOHNSON **State:** IL
Lat (NAD83): 37-33-18.2 N **Long (NAD83):** 089-02-12.3 W **ASR No.:** **Ground Elev:** 253.0
- Loc. 7 Area of operation**
Operating within a 40.0 km radius around fixed location 2

Conditions:

Pursuant to §309(h) of the Communications Act of 1934, as amended, 47 U.S.C. §309(h), this license is subject to the following conditions: This license shall not vest in the licensee any right to operate the station nor any right in the use of the frequencies designated in the license beyond the term thereof nor in any other manner than authorized herein. Neither the license nor the right granted thereunder shall be assigned or otherwise transferred in violation of the Communications Act of 1934, as amended. See 47 U.S.C. § 310(d). This license is subject in terms to the right of use or control conferred by §706 of the Communications Act of 1934, as amended. See 47 U.S.C. §606.

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Fixed Location Address or Mobile Area of Operation

Loc. 8 Area of operation

Operating within a 40.0 km radius around fixed location 3

Loc. 9 Area of operation

Operating within a 24.0 km radius around fixed location 4

Loc. 10 Area of operation

Operating within a 40.0 km radius around fixed location 5

Loc. 11 Area of operation

Operating within a 24.0 km radius around fixed location 6

Loc. 12 Area of operation

Operating within a 24.0 km radius around 37-48-15.2 N, 088-25-50.2 W,
EL DORADO, SALINE county, IL

Antennas

Loc No.	Ant No.	Frequencies (MHz)	Sta. Cls.	No. Units	No. Pagers	Emission Designator	Output Power (watts)	ERP (watts)	Ant. Ht./Tp meters	Ant. AAT meters	Construct Deadline Date
1	1	000456.05000000	FX1	12		11K2F3E 20K0F3E	35.000				
2	1	000451.05000000	FB2	1		11K2F3E 20K0F3E	75.000	306.000	73.0		
3	1	000456.02500000	FX1	1		11K2F3E 20K0F3E	35.000	246.000	41.0		
3	1	000456.05000000	FX1	1		11K2F3E 20K0F3E	35.000	246.000	41.0		
3	1	000456.37500000	FX1	1		11K2F3E 20K0F3E	35.000	246.000	41.0		
3	1	000456.42500000	FX1	1		11K2F3E 20K0F3E	35.000	246.000	41.0		
4	1	000451.42500000	FB2	1		11K2F3E 20K0F3E	100.000	240.000	79.2	181.1	
5	1	000451.02500000	FB2	1		11K2F3E 20K0F3E	100.000	240.000	113.0		
6	1	000451.37500000	FB2	1		11K2F3E 20K0F3E	100.000	376.000	55.0		

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7	1	000451.05000000	MO	66		11K2F3E 20K0F3E	100.000				
7	1	000451.37500000	MO	66		11K2F3E 20K0F3E	100.000				
7	1	000451.42500000	MO	66		11K2F3E 20K0F3E	100.000				
7	1	000456.05000000	MO	66		11K2F3E 20K0F3E	100.000				
7	1	000456.37500000	MO	66		11K2F3E 20K0F3E	100.000				
7	1	000456.42500000	MO	66		11K2F3E 20K0F3E	100.000				
8	1	000451.02500000	MO	66		11K2F3E 20K0F3E	100.000				
8	1	000456.02500000	MO	66		11K2F3E 20K0F3E	100.000				
9	1	000451.05000000	MO	66		11K2F3E 20K0F3E	100.000				
9	1	000451.37500000	MO	66		11K2F3E 20K0F3E	100.000				
9	1	000451.42500000	MO	66		11K2F3E 20K0F3E	100.000				
9	1	000456.05000000	MO	66		11K2F3E 20K0F3E	100.000				
9	1	000456.37500000	MO	66		11K2F3E 20K0F3E	100.000				
9	1	000456.42500000	MO	66		11K2F3E 20K0F3E	100.000				

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10	1	000451.02500000	MO	66		11K2F3E 20K0F3E	100.000				
10	1	000451.05000000	MO	66		11K2F3E 20K0F3E	100.000				
10	1	000451.37500000	MO	66		11K2F3E 20K0F3E	100.000				
10	1	000451.42500000	MO	66		11K2F3E 20K0F3E	100.000				
10	1	000456.02500000	MO	66		11K2F3E 20K0F3E	100.000				
10	1	000456.05000000	MO	66		11K2F3E 20K0F3E	100.000				
10	1	000456.37500000	MO	66		11K2F3E 20K0F3E	100.000				
10	1	000456.42500000	MO	66		11K2F3E 20K0F3E	100.000				
11	1	000451.05000000	MO	66		11K2F3E 20K0F3E	100.000				
11	1	000451.37500000	MO	66		11K2F3E 20K0F3E	100.000				
11	1	000451.42500000	MO	66		11K2F3E 20K0F3E	100.000				
11	1	000456.05000000	MO	66		11K2F3E 20K0F3E	100.000				
11	1	000456.37500000	MO	66		11K2F3E 20K0F3E	100.000				
11	1	000456.42500000	MO	66		11K2F3E 20K0F3E	100.000				

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Loc No.	Ant No.	Frequencies (MHz)	Sta. Cls.	No. Units	No. Pagers	Emission Designator	Output Power (watts)	ERP (watts)	Ant. Ht./Tp meters	Ant. AAT meters	Construct Deadline Date
12	1	000451.17500000	MO	80		11K2F3E 20K0F3E	75.000	75.000			01-21-2012

Control Points

Control Pt. No. 1

Address: RT 142 .5 MI SE

City: ELDORADO **County:** SALINE **State:** IL **Telephone Number:** (618)273-2611

Associated Call Signs

<NA>

Waivers/Conditions:

Beginning January 1, 2013, this station must operate on channels with a bandwidth of 12.5 kHz or less, or with equivalent efficiency, regardless of the emission bandwidths set forth on this license. See Section 90.209(b)(5) of the Commission's Rules. Note, however, that the narrowbanding requirement does not apply to specific channels designated in Rule 90.20 or 90.35 for paging only.