



(REFERENCE COPY - Not for submission)

LPTV Engineering STA Application

File Number: 0000025660 | Submit Date: 07/03/2017 | Call Sign: WAUR-LD | Facility ID: 187839 | FRN: 0004925079 |

State: Illinois | City: Aurora

Service: LPD | Purpose: Engineering STA | Status: Dismissed | Status Date: 07/05/2017 | Filing Status: InActive

General Information

Section	Question	Response
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Fees, Waivers, and Exemptions

Section	Question	Response
Fees	Is the applicant exempt from FCC application Fees?	No
	Indicate reason for fee exemption:	
Waivers	Does this filing request a waiver of the Commission's rule(s)?	No
	Total number of rule sections involved in this waiver request:	

Application Type	Fee Code	Fee Amount
Engineering STA	MGL	\$190.00
Total		\$190.00

Applicant
Information

Applicant Name, Type, and Contact Information

Applicant	Address	Phone	Email	Applicant Type
NELSON TV, INC. Applicant Doing Business As: NELSON TV, INC.	ONE BROADCAST CENTER PLANO, IL 60545 United States	+1 (630) 552- 1000	larry.nelson.wspy@gmail. com	Other

Authorization Holder Name

Check box if the Authorization Holder name is being updated because of the sale (or transfer of control) of the Authorization(s) to another party and for which proper Commission approval has not been received or proper notification provided.

Contact
Representatives
(2)

Contact Name	Address	Phone	Email	Contact Type
JOHN NEELY NEELY MILLER AND NEELY, P.C.	SUITE 203 3750 UNIVERSITY BLVD., WEST KENSINGTON, MD 20895 United States	+1 (301) 933-6304	JOHNSNEELY@YAHOO. COM	Legal Representative
MICHAEL D. RHODES, P.E. D. RHODES, P.E. CAVELL, MERTZ & ASSOCIATES, INC.	7724 DONEGAN DR. MANASSAS, VA 20109 United States	+1 (703) 392-9090	MIKE. RHODES@CAVELLMERTZ. COM	Technical Representative

Channel and Facility Information

Section	Question	Response
Facility ID	187839	
State	Illinois	
City	Aurora	
LPD Channel	29	

Antenna Location Data

Section	Question	Response
Antenna Structure Registration	Do you have an FCC Antenna Structure Registration (ASR) Number?	Yes
	ASR Number	1008488
Coordinates (NAD83)	Latitude	41° 42' 19.0" N+
	Longitude	089° 04' 47.0" W-
	Structure Type	TOWER-A free standing or guyed struct
	Overall Structure Height	91.0 meters
	Support Structure Height	91.0 meters
	Ground Elevation (AMSL)	301.8 meters
Antenna Data	Height of Radiation Center Above Ground Level	80 meters
	Height of Radiation Center Above Mean Sea Level	381.8 meters
	Effective Radiated Power	1 kW

Antenna
Technical Data

Section	Question	Response
Antenna Type	Antenna Type	Directional Custom
	Do you have an Antenna ID?	Yes
	Antenna ID	117330
Antenna Manufacturer and Model	Manufacturer:	ERI
	Model	AL12W-29-PL
	Rotation	180 degrees
	Electrical Beam Tilt	1.25
	Mechanical Beam Tilt	Not Applicable
	toward azimuth	
	Polarization	Horizontal
Elevation Radiation Pattern	Does the proposed antenna propose elevation radiation patterns that vary with azimuth for reasons other than the use of mechanical beam tilt?	No
	Uploaded file for elevation antenna (or radiation) pattern data	
	Out-of-Channel Emission Mask:	Stringent

Directional Antenna Relative Field Values (Pre-rotated Pattern)

Degree	Value	Degree	Value	Degree	Value	Degree	Value
0	1	90	0.922	180	0.241	270	0.922
10	0.985	100	0.845	190	0.253	280	0.975
20	0.951	110	0.758	200	0.302	290	0.997
30	0.925	120	0.68	210	0.397	300	0.99
40	0.929	130	0.605	220	0.51	310	0.959
50	0.959	140	0.51	230	0.605	320	0.929
60	0.99	150	0.397	240	0.68	330	0.925
70	0.997	160	0.302	250	0.758	340	0.951
80	0.975	170	0.253	260	0.845	350	0.985

Additional Azimuths

Degree	V _A
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Certification

Section	Question	Response
General Certification Statements	The Applicant waives any claim to the use of any particular frequency or of the electromagnetic spectrum as against the regulatory power of the United States because of the previous use of the same, whether by authorization or otherwise, and requests an Authorization in accordance with this application (See Section 304 of the Communications Act of 1934, as amended.).	
	The Applicant certifies that neither the Applicant nor any other party to the application is subject to a denial of Federal benefits pursuant to §5301 of the Anti-Drug Abuse Act of 1988, 21 U.S.C. §862, because of a conviction for possession or distribution of a controlled substance. This certification does not apply to applications filed in services exempted under §1.2002(c) of the rules, 47 CFR . See §1.2002(b) of the rules, 47 CFR §1.2002(b), for the definition of "party to the application" as used in this certification §1.2002 (c). The Applicant certifies that all statements made in this application and in the exhibits, attachments, or documents incorporated by reference are material, are part of this application, and are true, complete, correct, and made in good faith.	
Authorized Party to Sign	FAILURE TO SIGN THIS APPLICATION MAY RESULT IN DISMISSAL OF THE APPLICATION AND FORFEITURE OF ANY FEES PAID Upon grant of this application, the Authorization Holder may be subject to certain construction or coverage requirements. Failure to meet the construction or coverage requirements will result in automatic cancellation of the Authorization. Consult appropriate FCC regulations to determine the construction or coverage requirements that apply to the type of Authorization requested in this application. WILLFUL FALSE STATEMENTS MADE ON THIS FORM OR ANY ATTACHMENTS ARE PUNISHABLE BY FINE AND /OR IMPRISONMENT (U.S. Code, Title 18, §1001) AND/OR REVOCATION OF ANY STATION AUTHORIZATION (U.S. Code, Title 47, §312(a)(1)), AND/OR FORFEITURE (U.S. Code, Title 47, §503).	
	I certify that this application includes all required and relevant attachments.	Yes
	I declare, under penalty of perjury, that I am an authorized representative of the above-named applicant for the Authorization(s) specified above.	Larry Nelson Nelson <i>President</i> 07/03/2017

Attachments

File Name	Uploaded By	Attachment Type	Description
WAURLD STA Channel Displacement Request.docx	Applicant	General Information	STA Request