SECTION III - LICENSE APPLICATION ENGINEERING DATA

Name of Applicant

Estuardo Valdemar Rodriguez and Leonore Rodriguez

PURPOSE OF AUTHORIZATION APPLIED FOR: (check one)

☐ Station License ☑ Direct Measurement of Power

1. Facilities authorized in construction permit

Call Sign	File No. of Construction Permit (if applicable)	Frequency (kHz)	Hours of Operation	Power in kilowatts	
				Night	Day
WLNR	N/A	1230 kHz	Unlimited	1.00 kW	1.00 kW

2. Station location

State	City or Town
North Carolina	Kinston

3. Transmitter location

State	County	City or Town	Street address (or other identification)
North Carolina	Lenoir	Kinston	US 70 Bypass

4. Main studio location

State	County	City or Town	Street address (or other identification)
North Carolina	Jones	Kinston	US 70 Bypass

5. Remote control point location (specify only if authorized directional antenna)

State	County	City or Town	Street address (or other identification)

6. Has type-approved stereo generating equipment been installed? ☐ Yes ☑ No

7. Does the sampling system meet the requirements of 47 C.F.R. Section 73.68? ☐ Yes ☐ No ☑ Not Applicable

Attach as an Exhibit a detailed description of the sampling system as installed. Exhibit No.

8. Operating constants:

RF common point or antenna current (in amperes) without modulation for night system	RF common point or antenna current (in amperes) without modulation for day system
1.40 ampres	1.40 ampres
Measured antenna or common point resistance (in ohms) at operating frequency	**Measured antenna or common point reactance (in ohms) at operating frequency**
Night: 511 ohms Day: 511 ohms	Night: +J 579 ohms Day: +J 579 ohms

Antenna indications for directional operation

Towers	Antenna monitor Phase reading(s) in degrees		Antenna monitor sample current ratio(s)		Antenna base currents	
	Night	Day	Night	Day	Night	Day

Manufacturer and type of antenna monitor:

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9. Description of antenna system ((f directional antenna is used, the information requested below should be given for each element of the array. Use separate sheets if necessary.)

Type Radiator	Overall height in meters of radiator above base insulator, or above base, if grounded.	Overall height in meters above ground (without obstruction lighting)	Overall height in meters above ground (include obstruction lighting)	If antenna is either top loaded or sectionalized, describe fully in an Exhibit.
Uniform, cross-section, guyed tower mounted on a concrete base pier and insulator.	89 meters	90 meters	91 meters	Exhibit No.

Excitation ☑ Series ☐ Shunt

ASR: 1007320

Geographic coordinates to nearest second. For directional antenna give coordinates of center of array. For single vertical radiator give tower location.

North Latitude				West Longitude			
35 °	15 '	31 "		77 °	36 '	33 "	

If not fully described above, attach as an Exhibit further details and dimensions including any other antenna mounted on tower and associated isolation circuits.

Exhibit No. See Attached

Also, if necessary for a complete description, attach as an Exhibit a sketch of the details and dimensions of ground system.

Exhibit No.

10. In what respect, if any, does the apparatus constructed differ from that described in the application for construction permit or in the permit?

This Form 302-AM is being filed to notify the modification of FM translator W240AW - Kinston, NC on the WLNR(AM) tower. The FM translator has been installed pursuant to W240AW Construction Permit File No. BPFT-20130531AVR. The Translator License to cover has been filed concurrently with this AM Direct Measurement of Power Form 302-AM filing.

11. Give reasons for the change in antenna or common point resistance.

The antenna resistance and reactance measurements have been remeasured after the addition of the new W240AW antenna as authorized under Construction Permit File No. BPFT-20130531AVR. Measurements were made at 2:00 PM on March 18, 2014; using a Delta OIB-3 Bridge (Serial Number 608). Measurements were made by Mr. Ian Hoots of Dilicast Broadcast Services; Raleigh, NC.

I certify that I represent the applicant in the capacity indicated below and that I have examined the foregoing statement of technical information and that it is true to the best of my knowledge and belief.

Name (Please Print or Type)	Signature (check appropriate box below)
Justin W. Asher, Staff Engineer	Justin W. Asher
Address (include ZIP Code) Munn-Reese, Inc. PO Box 220, 385 Airport Dr. Coldwater, MI 49036	Date March 20, 2014 Telephone No. (Include Area Code) 1(517)278-7339

☐ Technical Director

☐ Registered Professional Engineer

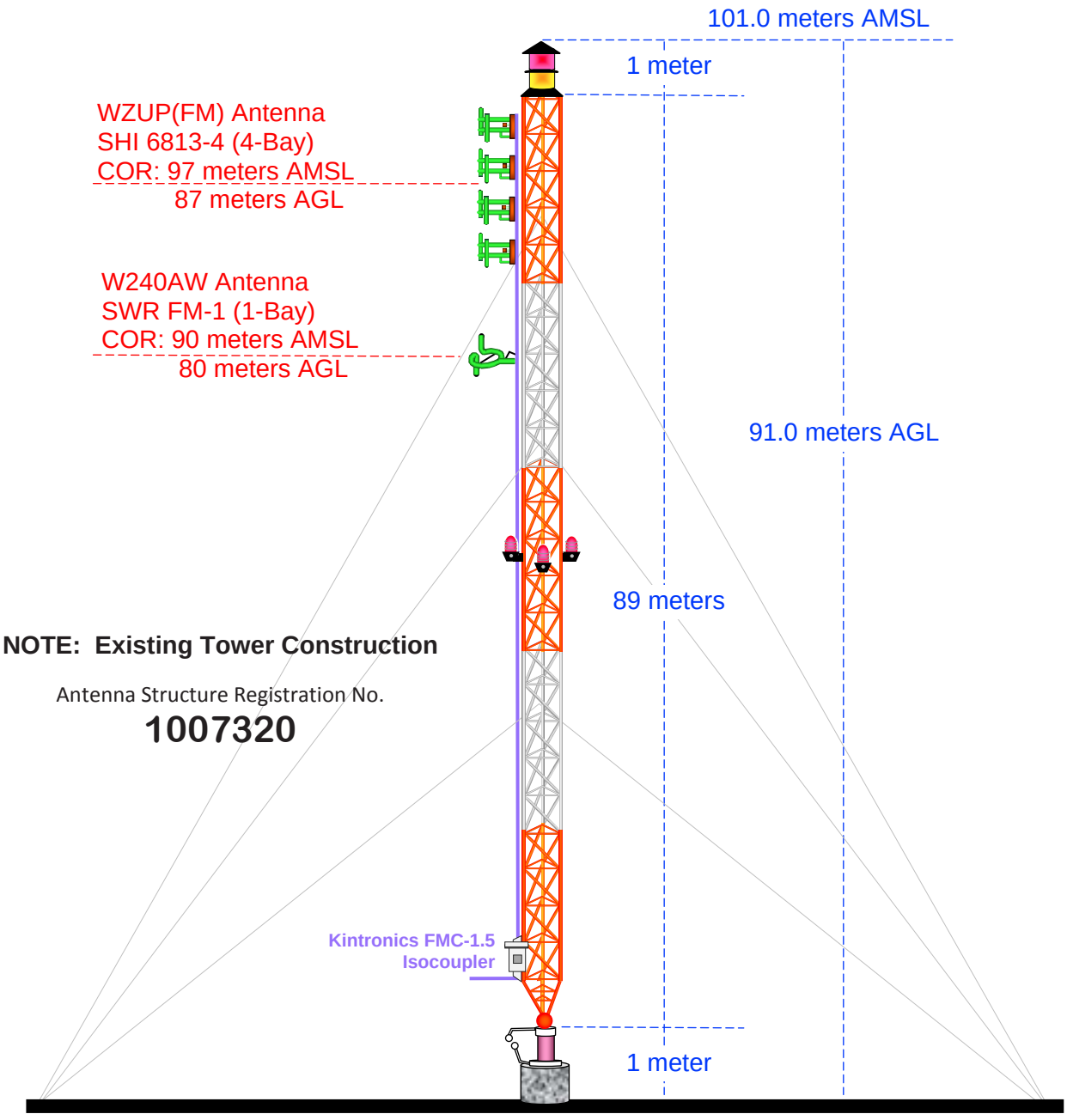
☐ Chief Operator

☑ Technical Consultant

☐ Other (specify)

Kinston, NC – WLNR(AM)
Vertical Plan of Antenna System

The site is located on the North Side of the Highway 70 Bypass; 0.2 miles west of the city of Kinston, Lenoir County, North Carolina.	Site Location (NAD 27) NL: 35° 15' 31" WL: 77° 36' 33" (35-15-32.0 NL; 77-36-32.0 WL NAD1983)



Ground Elevation = 10.0 m AMSL
Drawing is not to Scale

MUNN–REESE, INC.
Broadcast Engineering Consultants
Coldwater, MI 49036