FEDERAL COMMUNICATIONS COMMISSION
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WASHINGTON DC 20554

MEDIA BUREAU
AUDIO DIVISION
APPLICATION STATUS: (202) 418-2730
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JUL 19 2012

Anthony T. Lepore, Esq.
P.O. Box 823662
South Florida, Florida 33082-3662

Re: Arso Radio Corporation
WUNO(AM), San Juan, Puerto Rico
Facility Identification Number: 54476
Construction Permit: BP-20090121ADH
License Application: BL-20120501AFI
Program Test Authority ("PTA")

Dear Mr. Lepore:

This is in reference to the above-captioned license application as amended on July 10, 2012, and your request for program test authority for station WUNO(AM).

Authority is hereby granted WUNO(AM) to conduct program tests in accordance with Section 73.1620 of the Commission's rules and Construction Permit BP-20090121ADH to operate on 630 kHz with a daytime and nighttime nominal power of 5.0 kilowatts. Program tests are authorized with a reduced daytime and nighttime power of 4.5 kilowatts (antenna common point current of 9.09 amperes) due to excessive radiation.[1]

Program tests must be conducted with the directional antenna system adjusted in accordance with the enclosed specifications. Please notify this office if you have any problems with any of the specifications.

A preliminary engineering study of the amended application reveals the following deficiencies:

1. A complete family of conductivities used to analyze the measurements as requested by the Commission's letter of May 11, 2012 was not included.
2. The values of the conductivities of 1 and 1.5 mmho on the non-directional 58° graph must be reversed.
3. We note the pole supporting the radials of the ground system was built with a height of 12 feet instead of 15 feet as authorized in Construction Permit BP-20090121ADH. Since WUNO(AM) utilizes an elevated ground system, it must take measurements to show the

[1] WUNO(AM) acknowledges this and has filed a minor change application (BMP-20120710ABJ) to augment the 16°, 100°, and 238° bearings.

radiation of the elevated ground system is in compliance with the levels set in the FCC Guidelines OET bulletin No. 65, Edition 97-01 August 1997, or construct a fence with warning signs describing the nature of the hazard around the elevated ground system to prevent casual or inadvertent access.

Further action on the application will be withheld for forty-five (45) days from the date of this letter in order to provide an opportunity to file a curative amendment. Failure to respond or file an amendment within this time period will result in the dismissal of the application pursuant to Section 73.3568 of the rules.

This authorization expires on September 20, 2012.

Sincerely,

Son Nguyen
Supervisory Engineer
Audio Division
Media Bureau

cc: Alberto Pereira
Arso Radio Corporation

Name of Licensee: ARSO RADIO CORPORATION

Station Location: SAN JUAN, PR

Frequency (kHz): 630

Station Class: B

Antenna Coordinates:

		Day			
Latitude:	N	18 Deg	25 Min	59 Sec	
Longitude:	W	66 Deg	16 Min	22 Sec	

		Night			
Latitude:	N	18 Deg	25 Min	59 Sec	
Longitude:	W	66 Deg	16 Min	22 Sec	

Transmitter(s): Type Accepted. See Sections 73.1660, 73.1665 and 73.1670 of the Commission's Rules.

Nominal Power (kW): Day: 5.0 Night: 5.0

Antenna Input Power (kW): Day: 4.5 Night: 4.5

Antenna Mode: Day: DA Night: DA

(DA=Directional Antenna, ND=Non-directional Antenna; CH=Critical Hours)

Current (amperes): Day: 9.09 Night: 9.09

Resistance (ohms): Day: 54 Night: 54

Antenna Registration Number(s):

Day:

Tower No.	ASRN	Overall Height (m)
1	1249959	
2	1249960	

Night:

Tower No.	ASRN	Overall Height (m)
1	1249959	
2	1249960	

DESCRIPTION OF DIRECTIONAL ANTENNA SYSTEM

Theoretical RMS (mV/m/km): Day: 670.75 Night: 670.75

Standard RMS (mV/m/km): Day: 704.6 Night: 704.6

Augmented RMS (mV/m/km):

Q Factor: Day: Night:

Theoretical Parameters:

Day Directional Antenna:

Tower No.	Field Ratio	Phasing (Deg.)	Spacing (Deg.)	Orientation (Deg.)	Tower Ref Switch *	Height (Deg.)
1	1.0000	0.000	0.0000	0.000	0	61.6
2	0.7500	-130.000	80.0000	58.000	0	61.6

* Tower Reference Switch
0 = Spacing and orientation from reference tower
1 = Spacing and orientation from previous tower

Theoretical Parameters:

Night Directional Antenna:

Tower No.	Field Ratio	Phasing (Deg.)	Spacing (Deg.)	Orientation (Deg.)	Tower Ref Switch *	Height (Deg.)
1	1.0000	0.000	0.0000	0.000	0	61.6
2	0.7500	-130.000	80.0000	58.000	0	61.6

* Tower Reference Switch
0 = Spacing and orientation from reference tower
1 = Spacing and orientation from previous tower

Day Directional Operation:

Twr. No.	Phase (Deg.)	Antenna Monitor Sample Current Ratio
1	0	1
2	-130	0.75

Night Directional Operation:

Twr. No.	Phase (Deg.)	Antenna Monitor Sample Current Ratio
1	0	1
2	-130	0.75

Antenna Monitor: POTOMAC INSTRUMENTS AM-19

Sampling System Approved Under Section 73.68 of the Rules.

Monitoring Points:

Day Operation:

Radial (Deg. T)	Distance From Transmitter (kM)	Maximum Field Strength (mV/m)
186.5	1.25	125
289.5	2.58	35

Night Operation:

Radial (Deg. T)	Distance From Transmitter (kM)	Maximum Field Strength (mV/m)
186.5	1.25	125
289.5	2.58	35

Special operating conditions or restrictions:

1 The permittee/licensee must reduce power or cease operation as necessary to protect persons having access to the site, tower or antenna from radiofrequency electromagnetic fields in excess of FCC guidelines.

2 Ground system consists of 6 evenly distributed copper clad steel cables, 120.73 meter long that are raised 3.66 meters above grade, and skew up from the towers at 30° above grade. The wires are grounded at the base of the tower and are isolated at the far end with high voltage insulators. In addition, each tower is provided with a 7.3 meter by 7.3 meter copper mesh.

3 This application is being granted prior to the completion of the International Telecommunications Union (ITU) registration process. Therefore, any construction of and operation with the facilities specified herein is at applicant's own risk and subject to modification, suspension or termination without right to hearing, if found by the Commission to be necessary in order to conform to the provisions of the registration process of the ITU, and to bilateral and other multilateral agreements between the United States and other countries.

*** END OF AUTHORIZATION ***