Federal Communications Commission

FM BROADCAST STATION CONSTRUCTION PERMIT

| Permittee | Call Sign | Facility ID |
|--------------------------|-----------|-------------|
| Radio One Licenses, LLC | | |
| 1010 Wayne Avenue, 14th | WRNB | 25079 |
| floor | | |
| Silver Spring, MD, 20910 | | |

| File Number | This Permit Modifies License File No. | |
|-------------|---------------------------------------|--------------------------------|
| 0000197898 | BLH-20030424ABN | |
| Filing Date | Grant Date | Expiration Date |
| 08/19/2022 | 12/30/2022 | 36 months after the grant date |

| Community of License City: MEDIA State: PA | Frequency (MHz) 100.3 | Station Channel 262 | Station Class B |
|--|--------------------------|------------------------|--------------------|
| Hours of Operation: Unlimited | | | |
| Facility Type: Commercial | | ES. | |

And the state

| Transmitter Certified for Compliance. See Sections 73.1660, 73.1665 and 73.1670 of the Commission's Rules. | Transmitter Output Power As required to achieve authorized ERP. |
|--|--|
| Antenna Type Directional | Antenna Coordinates (NAD 83) Latitude 40-2-33.0 N Longitude 75-14-32.0 W |
| Major Lobe Directions Not Applicable | |

| | Horizontally Polarized Antenna | Vertically Polarized Antenna |
|---|-----------------------------------|---------------------------------|
| Effective Radiated Power in the Horizontal Plane (kW) | 12.5 | 12.5 |

| Height of Radiation Center Above Ground (meters) | 300 | 300 |
|---|-------|-------|
| Height of Radiation Center Above Mean Sea Level (meters) | 374.0 | 374.0 |
| Height of Radiation Center Above Average Terrain (meters) | 302 | 302 |

| Antenna Structure Registration Number | Overall Height of Antenna Structure Above Ground (meters) |
|---------------------------------------|---|
| 1035474 | See the registration for this antenna structure. |

Obstruction Marking and Lighting Specifications for Antenna Structure

See the registration for this antenna structure.

Special Operating Conditions or Restrictions

The permittee/licensee in coordination with other users of the site 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.

- BEFORE PROGRAM TESTS ARE AUTHORIZED, permittee shall submit the results of a complete proof-of-performance to establish the horizontal plane radiation patterns for both the horizontally and vertically polarized radiation components. This proof-of-performance may be accomplished using the complete full size antenna, or individual bays therefrom, mounted on a supporting structure of identical dimensions and configuration as the proposed structure, including all braces, ladders, conduits, coaxial lines, and other appurtenances; or using a carefully manufactured scale model of the entire antenna, or individual bays therefrom, mounted on the proposed supporting structure, including all appurtenances. Engineering exhibits should include a description of the antenna testing facilities and equipment employed, including appropriate photographs or sketches and a description of the testing procedures, including scale factor, measurements frequency, and equipment calibration.
- BEFORE PROGRAM TESTS ARE AUTHORIZED, permittee/licensee shall submit an affidavit that the installation of the directional antenna system was overseen by a qualified engineer. This affidavit shall include a certification by the engineer that the antenna was installed pursuant to the manufacturer's instructions and list the qualifica- tions of the certifying engineer.
- BEFORE PROGRAM TESTS ARE AUTHORIZED, permittee must submit a certification executed by a
 licensed surveyor showing that the FM directional antenna system has been oriented at the azimuth(s)
 specified in the directional antenna proof of performance. This certification must include a description of the
 method used by the surveyor to determine the azimuth(s) of the installed directional antenna system and the
 accuracy of that determination.
- BEFORE PROGRAM TESTS ARE AUTHORIZED, the permittee must submit an exhibit demonstrating that the measured directional antenna pattern complies with the appropriate community coverage provisions of 47 C.F.R. Sections 73.315 or 73.515 (See 47 C.F.R. Section 73.316(c)(2)(ix)(B)).
- The relative field strength of neither the measured horizontally nor vertically polarized radiation component shall exceed at any azimuth the value indicated on the composite radiation pattern authorized by this construction permit. A relative field strength of 1.0 on the composite radiation pattern herein authorized corresponds to the following effective radiated power: 12.5 kilowatts. Principal minima and their associated field strength limits: 100-110 degrees True: 2.15 kilowatts

The AM station identified below may be affected by the facilities authorized by this construction permit. Pursuant to Section 1.30004 of the Commission's Rules, at least 30 days prior to commencement of construction of the facilities authorized herein, the permittee must provide notification of the construction to the AM station licensee. As part of this notification, the permittee must examine the potential impact of the construction of the authorized facilities on the AM station using a moment method analysis. The analysis shall consist of a model of the AM antenna together with the potential re-radiating tower in a lossless environment. The model shall employ the methodology specified in Section 73.151(c) of the Commission's Rules, except that the AM antenna elements may be modeled as a series of thin wires driven to produce the required radiation pattern, without any requirement for measurement of tower impedances. If the AM station was authorized pursuant to a directional proof of performance based on field strength measurements, the permittee may, in lieu of the moment method analysis, demonstrate with measurements taken before and after construction that field strength values at the monitoring points do not exceed the licensed values. If the construction results in radiation values in excess of the AM station's licensed standard pattern or augmented pattern values, the permittee is responsible for the installation and maintenance of any detuning apparatus necessary to restore proper operation of the directional antenna. (See Section 1.30002 of the Commission's Rules.) The permittee must submit confirmation of completion of these notice and analysis requirements in the application for license to cover this construction permit. If the facilities authorized by this Construction Permit do not result in a significant modification of the existing tower specified as defined in Section 1.30002(d) of the Commission's Rules, the permittee shall submit a certification and any necessary evidence supporting that certification in the Application for License. Station 1540 AM, Facility ID No. WNWR, Philadelphia, PA.

Subject to the provisions of the Communications Act of 1934, as amended, subsequent acts and treaties, and all regulations heretofore or hereafter made by this Commission, and further subject to the conditions set forth in this permit, the permittee is hereby authorized to construct the radio transmitting apparatus herein described. Installation and adjustment of equipment not specifically set forth herein shall be in accordance with representations contained in the permittee's application for construction permit except for such modifications as are presently permitted, without application, by the Commission's Rules(See Section 83.875).

Pursuant to Section 73.3598, this Construction Permit will be subject to automatic forfeiture unless construction is complete and application for license is filed prior to expiration.

Equipment and program tests shall be conducted only pursuant to Sections 73.1610 and 73.1620 of the Commission's Rules.