



United States of America  
**FEDERAL COMMUNICATIONS COMMISSION**  
**FM BROADCAST STATION LICENSE**  
**AUXILIARY ANTENNA**

Authorizing Official:

Official Mailing Address:

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CUMULUS LICENSING LLC  
3280 PEACHTREE ROAD, NW  
SUITE 2200  
ATLANTA GA 30305

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Rodolfo F. Bonacci  
Assistant Chief  
Audio Division  
Media Bureau

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Facility Id: 32945

Call Sign: WNNK-FM

License File Number: BXLH-19880906KC

Grant Date:

This license expires 3:00 a.m.  
local time, August 01, 1991.

This license covers permit no.: BPH-19880202ID

Subject to the provisions of the Communications Act of 1934, subsequent acts and treaties, and all regulations heretofore or hereafter made by this Commission, and further subject to the conditions set forth in this license, the licensee is hereby authorized to use and operate the radio transmitting apparatus herein described.

This license is issued on the licensee's representation that the statements contained in licensee's application are true and that the undertakings therein contained so far as they are consistent herewith, will be carried out in good faith. The licensee shall, during the term of this license, render such broadcasting service as will serve the public interest, convenience, or necessity to the full extent of the privileges herein conferred.

This license shall not vest in the licensee any right to operate the station nor any right in the use of the frequency designated in the license beyond the term hereof, nor in any other manner than authorized herein. Neither the license nor the right granted hereunder shall be assigned or otherwise transferred in violation of the Communications Act of 1934. This license is subject to the right of use or control by the Government of the United States conferred by Section 606 of the Communications Act of 1934.

Callsign: WNNK-FM

License No.: BXLH-19880906KC

Name of Licensee: CUMULUS LICENSING LLC

Station Location: PA-HARRISBURG

Frequency (MHz): 104.1

Channel: 281

Class: B

Hours of Operation: Unlimited -- For auxiliary purposes only

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

Transmitter output power: 10.0 kW

Antenna type: Non-Directional

Description: DIE DCRC, four sections

Antenna Coordinates: North Latitude: 40 deg 18 min 59 sec  
 West Longitude: 76 deg 57 min 04 sec

	Horizontally Polarized Antenna	Vertically Polarized Antenna
Effective radiated power in the Horizontal Plane (kW):	20.5	20.5
Height of radiation center above ground (Meters):	33	33
Height of radiation center above mean sea level (Meters):	371	371
Height of radiation center above average terrain (Meters):	213	213

Antenna structure registration number: Not Required

Overall height of antenna structure above ground: 46 Meters

Obstruction marking and lighting specifications for antenna structure:

It is to be expressly understood that the issuance of these specifications is in no way to be considered as precluding additional or modified marking or lighting as may hereafter be required under the provisions of Section 303(q) of the Communications Act of 1934, as amended.

None Required

\*\*\* END OF AUTHORIZATION \*\*\*