

FEDERAL COMMUNICATIONS COMMISSION
445 12th STREET SW
WASHINGTON DC 20554

MEDIA BUREAU
AUDIO DIVISION
APPLICATION STATUS: (202) 418-2730
HOME PAGE: www.fcc.gov/mb/audio

PROCESSING ENGINEER: Arthur E. Doak
TELEPHONE: (202) 418-2715
MAIL STOP: 1800B3-AED
INTERNET ADDRESS: arthur.doak@fcc.gov

December 12, 2012

Antioch University
150 E South College Street
Yellow Springs, OH 45387-1635

In re: WYSO(FM), Yellow Springs, OH
Antioch University
Facility ID No.: 2374
BPED-20121113ABZ

Dear Applicant:

This letter is in reference to the above-captioned minor change application for noncommercial educational FM Station WYSO(FM) to change the transmitter location, effective radiated power, antenna height and directional antenna pattern.

The proposed directional antenna pattern violates 47 C.F.R. § 73.510. Section 73.510(a) states that noncommercial educational stations must comply with 47 C.F.R. § 73.316. Specifically, Section 73.316(b)(2) states that “[d]irectional antennas used to protect short-spaced stations pursuant to § 73.213 or § 73.215 of the rules, that have a radiation pattern which varies more than 2 dB per 10 degrees of azimuth will not be authorized.” It has been the Commission’s longstanding policy to apply the 2 dB/10° limitation to noncommercial educational stations protected under the analogous contour overlap section, 47 C.F.R. § 73.509. The proposal violates this policy. Specifically, between the azimuths of 260 degrees to 270 degrees, the proposed radiation pattern varies by 2.068 dB. This arc is in the direction of the authorized construction permit facility (File No. BNPED-20071017ABZ) for a new noncommercial educational co-channel FM station to serve Morristown, Indiana on Channel 217B1 (Facility ID No. 172815).¹ Furthermore, the directional antenna is needed to protect the Morristown facility.

Accordingly, Application File No. BPED-20121113ABZ IS HEREBY DISMISSED, pursuant to 47 C.F.R. § 73.3566(a), as unacceptable for filing. This action is taken pursuant to 47 C.F.R. § 0.283.

Sincerely,

Arthur E. Doak

Arthur E. Doak
Senior Engineer
Audio Division
Media Bureau

cc: John Wells King, Esq.
Mr. Bertram S. Goldman

¹ Construction Permit BNPED-20071017ABZ was granted on November 19, 2010.